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Hamline University

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Catalogue

OF

Hamline University

College of Liberal Arts.

College of Medicine.

1899-1900.

HAMLIN, MINN.

Calendar.

- 1900—September 11, *Tuesday*, Fall Term begins.
September 11, *Tuesday*, Entrance Examinations.
December 13-14, *Thursday-Friday*, Term Examinations.

VACATION OF TWO WEEKS.

- 1901—January 2, *Wednesday*, Winter Term begins.
March 14-15, *Thursday-Friday*, Term Examinations.
March 15, *Friday*, Winter Term ends.
March 26, *Tuesday*, Spring Term begins.
May 20-21, *Monday-Tuesday*, Senior Examinations.
June 2, *Sunday*, 10:30 A. M., Baccalaureate Sermon.
June 3-4, *Monday-Tuesday*, Term Examinations.
June 4, *Tuesday*, 3 P. M., Address before the Historical Society.
June 4, *Tuesday*, 8. P. M., Class Day Exercises.
June 5, *Wednesday*, Alumni Day.
June 5, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.
June 6, *Thursday*, 2 P. M., Annual Commencement.

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1899/1900 - 1904/1905

Corporation.

Trustees.

TERM EXPIRES 1900.

REV. CYRUS BROOKS, D. D.,
WILLIAM MOSES, Esq.,
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REV. W. A. SHANNON,
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ST. PAUL.
ALEXANDRIA.
MINNEAPOLIS.
MINNEAPOLIS.
DULUTH.

TERM EXPIRES 1901.

REV. J. F. CHAFFEE, D. D.,
F. A. CHAMBERLAIN, Esq.,
REV. G. H. BRIDGMAN, D. D.,
HON. W. H. EUSTIS,
WATSON S. MOORE, Esq.,

MINNEAPOLIS.
MINNEAPOLIS.
HAMLINE.
MINNEAPOLIS.
DULUTH.

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REV. E. P. ROBERTSON, A. M.,
HON. W. A. SPERRY,

MINNEAPOLIS.
WINONA.
WINONA.
ROCHESTER.
OWATONNA.

TERM EXPIRES 1903.

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HON. J. T. WYMAN,
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PROF. E. F. MEARKLE, LL. B.,
COL. PERRY HARRISON,
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Carrie E. Widstrand Professor of Chemistry and Physics.

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Rebecca M. Harrison Professor of Political Economy.

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Professor of Biology and Geology.

WILLIAM E. THOMPSON, A. M.,

Professor of the Latin Language and Literature.

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Professor of Mathematics.

R. WATSON COOPER, A. B.,

Professor of English Literature.

SAMUEL JAMES PEASE, A. M.,

Professor of Greek and Modern Languages.

ALTA M. BARKER, PH. B.,

Preceptress.

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JOHN W. HECKERT,

Instructor in German.

A. C. STEUERNAGEL,

Physical Director.

GUY H. SHADINGER,

Assistant in Chemical Laboratory.

GERTRUDE BALDWIN,

Assistant in Latin.

C. C. TYRRELL,

Assistant in Biology.

ANNA M. DAVIS, A. M.,

Librarian.

ARTHUR Z. DREW, A. M.,

Registrar.

Collegiate Department.

STUDENTS.

Post Graduate.

BRIDGMAN, WILLIAM A.,	Political Science,	<i>Hamline</i>
CAHOON, GUYBERT A.,	History,	<i>Goodhue</i>
COOK, SILAS A.,	History,	<i>Boston, Mass.</i>
DAVIS, ANNA M.,	History,	<i>Hamline</i>
DOOR, ELLA S.,	History,	<i>Hamline</i>
DUNN, EDGAR,	Political Science,	<i>Hamline</i>
DUNN, ISAAC J.,	Political Economy,	<i>Detroit</i>
DYER, WILLIAM P.,	History,	<i>Slayton</i>
EDMUNDS, W. MORLEY,	History,	<i>Hamline</i>
FAUS, RUTH I.,	History,	<i>Montevideo</i>
FOSS, HARRIETTE H.,	History,	<i>Alexandria</i>
GRANT, W. MORTIMER,	Political Economy,	<i>Hamline</i>
HITCHCOCK, JULIUS R.,	Education,	<i>Redwood Falls</i>
SHUMAN, BERTRAM A.,	Sociology,	<i>Duluth</i>
WHEELER, BERT N.,	Education,	<i>Duluth</i>

Senior Class.

ANDERSON, LYDIA M.,	<i>Milan</i>
ARNESON, INGA E.,	<i>Watson</i>
BALDWIN, GERTRUDE,	<i>Marshall</i>
BENHAM, GRACE,	<i>Hamline</i>
BENSON, ELSIE,	<i>Heron Lake</i>
COLBY, ESTHER,	<i>Plainview</i>
ELFORD, CLARENCE F.,	<i>Douglass</i>
EDMUNDS, H. M.,	<i>Drayton, N. D.</i>
FOSTER, BAINBRIDGE W.,	<i>Hector</i>
HECKERT, J. WALTER,	<i>Kasson</i>
HILL, FRED W.,	<i>Bond Hill, Ontario</i>
INNIS, HOMER C.,	<i>Hamline</i>

KIRK, HARRY S.,	<i>Stewart</i>
LAIDLAW, ALDEN J.,	<i>Wood Lake</i>
LAWSON, FLOYD A.,	<i>Rush City</i>
LEWIS, LEONA,	<i>Campbell</i>
LINGMAN, DAVID,	<i>Hamline</i>
MAGRAW, FLORENCE,	<i>Hamline</i>
MALLORY, MELVIN N.,	<i>Plainview</i>
McKAIG, ROBERT R.,	<i>Hamline</i>
McNEIL, MARY C.,	<i>Detroit City</i>
MOSES, WILLIAM J. B.,	<i>Alexandria</i>
NESOM, GEORGE H.,	<i>St. Paul Park</i>
PRINGLE, WM. A.,	<i>Hamline</i>
ROSSMAN, FLOYD A.,	<i>Hamline</i>
SHADINGER, GUY H.,	<i>Glencoe</i>
SILVERNALE, JOHN L.,	<i>Hamline</i>
SNODGRASS, GEORGE M.,	<i>River Falls, Wis.</i>
TAYLOR, FRED H.,	<i>Hamline</i>
TAYLOR, ROBERT J.,	<i>Hamline</i>
VAN CAMP, ELIJAH,	<i>St. Thomas, N. D.</i>
WALLACE, LEWIS H.,	<i>Drayton, N. D.</i>
WALLACE, MABEL A.,	<i>Hamline</i>
WHITCOMB, ORRIN J.,	<i>Byron</i>

Junior Class.

BENHAM, RICH S.,	<i>Hamline</i>
COLLETT, CHARLES E.,	<i>Hamline</i>
COLYER, MOLLIE E.,	<i>Morris</i>
CUMMINGS, EMOGENE,	<i>White Bear</i>
DAVIS, MAMIE F.,	<i>Glencoe</i>
DRILL, FRANK,	<i>Browerville</i>
DRILL, LEWIS,	<i>Browerville</i>
FRANKLIN, MAE,	<i>Rochester</i>
GILLIS, MAY G.,	<i>Pine Island</i>
GILLIS, WINNIFRED M.,	<i>Pine Island</i>
HALL, BENJAMIN F.,	<i>Wood Lake</i>
HALL, NELLIE G.,	<i>Plainview</i>
LASSELL, GRACE,	<i>Chester, Ia.</i>
LETCHER, JOHN,	<i>Leland, Cornwall, England</i>
MORRILL, ROBT. A.,	<i>Byron</i>
ORR, CHARLES N.,	<i>Princeton</i>
PACKARD, FRANK E.,	<i>Wadena</i>
QUICK, KATE N.,	<i>Lavina, Ontario</i>

RICE, WM. A.,	<i>Lake City</i>
RICH, LUCY D.,	<i>Hamline</i>
RUENITZ, ED. J.,	<i>Springfield</i>
SCOTT, J. WESLEY,	<i>Drayton, N. D.</i>
SHAW, GEORGE,	<i>Hamline</i>
WANNER, ANNA M.,	<i>Pingree, N. D.</i>
WANNER, THEO. L.,	<i>Pingree, N. D.</i>
WEBB, LOUELLA O.,	<i>Hamline</i>
WILLMARTH, J. SCOTT,	<i>Kedron</i>

Sophomore Class.

ALLIN, FRED W.,	<i>Hamline</i>
ATKINS, EUNICE M.,	<i>Elk River</i>
BABCOCK, W. G.,	<i>Racine</i>
BARR, J. H.,	<i>Dwight, Ill.</i>
BENSON, LOIS,	<i>Heron Lake</i>
BEVERS, EDITH M.,	<i>Zumbrota</i>
CARLETON, RALPH,	<i>Plainview</i>
COCHRAN, EDWARD L.,	<i>Drayton, N. D.</i>
DAVIS, MAUDE C.,	<i>Loug Prairie</i>
GATES, BESSIE M.,	<i>Red Wing</i>
GILLETTE, ALMA E.,	<i>Hamline</i>
GOLD, EDITH M.,	<i>Big Stone City, S. D.</i>
HILL, JENNIE E.,	<i>Hamline</i>
IDE, H. P.,	<i>Forest Lake</i>
JARVIS, CHARLEY W.,	<i>St. Paul</i>
JENNINGS, E. PEARL,	<i>Hamline</i>
JOHNSON, ROBERT C.,	<i>Tracy</i>
KINNEY, GEORGE V.,	<i>Wells</i>
LIBBEY, GERTRUDE,	<i>Red Wing</i>
LIBBEY, S. WILLIAM,	<i>Red Wing</i>
MANTHEY, JESSE J.,	<i>St. Paul</i>
MARTIN, J. ROYAL,	<i>Hamline</i>
SIGMOND, ROY P.,	<i>Zumbrota</i>
STOUT, WILL B.,	<i>Winona</i>
TUCKER, JAMES H.,	<i>Hastings</i>
WALLACE, CHARLES H.,	<i>Drayton, N. D.</i>
WHITE, MORRIS W.,	<i>St. Paul</i>
WINSHIP, LOUIS C.,	<i>Winnebago City</i>

Freshman Class.

BARKULOO, WM. C.,	<i>Lester Prairie</i>
BEVANS, JULIA A.,	<i>Hamline</i>
BRADY, STELLA M.,	<i>Dodge Center</i>
BROBECK, DIANA H.,	<i>Kenyon</i>
CANDELL, GRACE,	<i>Lake City</i>
CANDELL, PEARL,	<i>Lake City</i>
CARPENTER, CLARISSA,	<i>Brownton</i>
CHINNOCK, HARRIETT,	<i>Decorah, Iowa</i>
COLEMAN, HELEN,	<i>Dodge Center</i>
CRAWFORD, ANNA L.,	<i>Luverne</i>
CRAWFORD, WALTER M.,	<i>Luverne</i>
ELFRINK, W. E.,	<i>Bangor, S. D.</i>
FOSTER, RALPH M.,	<i>Hamline</i>
GOLD, FLORENCE,	<i>Big Stone City, S. D.</i>
GUSE, HERMAN,	<i>Hamline</i>
HAINES, LYNN,	<i>Halloway</i>
HANSON, AMANDA J.,	<i>Anoka</i>
INNIS, ETHELWYN,	<i>Hamline</i>
KERR, CATHERINE S.,	<i>Hamline</i>
KETCHAM, FLORENCE L.,	<i>Warren</i>
LIVINGSTONE, WILL,	<i>Hamline</i>
MALETTE, EDNA G.,	<i>Cassellton, N. D.</i>
MAINE, MAURICE F.,	<i>Balaton</i>
MARLATTE, EDWARD T.,	<i>Waterford, Ontario</i>
MASSEE, CHARLES W.,	<i>Louisville, Wis.</i>
MCCREA, C. H.,	<i>Hamline</i>
MCKAIG, HUGH CARLE,	<i>Hamline</i>
PARSONS, E. D.,	<i>St. Paul</i>
POTTER, GERTRUDE,	<i>Canby</i>
PROSSER, ERNEST,	<i>Spring Valley</i>
*PROSSER, JESSE H.,	<i>Spring Valley</i>
PROSSER, MYRTLE M.,	<i>Spring Valley</i>
PROSSER, ROSE,	<i>Spring Valley</i>
ROTHAUSEN, WM.,	<i>St. Paul</i>
RYAN, FRED S.,	<i>Pembina, N. D.</i>
SHEDD, HARRY L.,	<i>Osakis</i>
SPENCER, ALLEN T.,	<i>Sunnyside, Mont.</i>
STERLING, ALICE H.,	<i>Red Wing</i>
SWINNERTON, T. N.,	<i>Hamline</i>
TEICH, EMMA L.,	<i>Zumbrota</i>

*Deceased.

RICE, WM. A.,	<i>Lake City</i>
RICH, LUCY D.,	<i>Hamline</i>
RUENITZ, ED. J.,	<i>Springfield</i>
SCOTT, J. WESLEY,	<i>Drayton, N. D.</i>
SHAW, GEORGE,	<i>Hamline</i>
WANNER, ANNA M.,	<i>Pingree, N. D.</i>
WANNER, THEO. L.,	<i>Pingree, N. D.</i>
WEBB, LOUELLA O.,	<i>Hamline</i>
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Sophomore Class.

ALLIN, FRED W.,	<i>Hamline</i>
ATKINS, EUNICE M.,	<i>Elk River</i>
BABCOCK, W. G.,	<i>Racine</i>
BARR, J. H.,	<i>Dwight, Ill.</i>
BENSON, LOIS,	<i>Heron Lake</i>
BEVERS, EDITH M.,	<i>Zumbrota</i>
CARLETON, RALPH,	<i>Plainview</i>
COCHRAN, EDWARD L.,	<i>Drayton, N. D.</i>
DAVIS, MAUDE C.,	<i>Long Prairie</i>
GATES, BESSIE M.,	<i>Red Wing</i>
GILLETTE, ALMA E.,	<i>Hamline</i>
GOLD, EDITH M.,	<i>Big Stone City, S. D.</i>
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IDE, H. P.,	<i>Forest Lake</i>
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LIBBEY, S. WILLIAM,	<i>Red Wing</i>
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WINSHIP, LOUIS C.,	<i>Winnebago City</i>

Freshman Class.

BARKULOO, WM. C.,	<i>Lester Prairie</i>
BEVANS, JULIA A.,	<i>Hamline</i>
BRADY, STELLA M.,	<i>Dodge Center</i>
BROBECK, DIANA H.,	<i>Kenyon</i>
CANDELL, GRACE,	<i>Lake City</i>
CANDELL, PEARL,	<i>Lake City</i>
CARPENTER, CLARISSA,	<i>Brownston</i>
CHINNOCK, HARRIETT,	<i>Decorah, Iowa</i>
COLEMAN, HELEN,	<i>Dodge Center</i>
CRAWFORD, ANNA L.,	<i>Luverne</i>
CRAWFORD, WALTER M.,	<i>Luverne</i>
ELFRINK, W. E.,	<i>Bangor, S. D.</i>
FOSTER, RALPH M.,	<i>Hamline</i>
GOLD, FLORENCE,	<i>Big Stone City, S. D.</i>
GUSE, HERMAN,	<i>Hamline</i>
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KERR, CATHERINE S.,	<i>Hamline</i>
KETCHAM, FLORENCE L.,	<i>Warren</i>
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MCKAIG, HUGH CARLE,	<i>Hamline</i>
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POTTER, GERTRUDE,	<i>Canby</i>
PROSSER, ERNEST,	<i>Spring Valley</i>
*PROSSER, JESSE H.,	<i>Spring Valley</i>
PROSSER, MYRTLE M.,	<i>Spring Valley</i>
PROSSER, ROSE,	<i>Spring Valley</i>
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RYAN, FRED S.,	<i>Pembina, N. D.</i>
SHEDD, HARRY L.,	<i>Osakis</i>
SPENCER, ALLEN T.,	<i>Sunnyside, Mont.</i>
STERLING, ALICE H.,	<i>Red Wing</i>
SWINNERTON, T. N.,	<i>Hamline</i>
TEICH, EMMA L.,	<i>Zumbrota</i>

* Deceased.

TERRY, SELINA M.,	<i>Slayton</i>
THIBBETTS, ROI B.,	<i>Winona</i>
TURNER, MARY,	<i>Little Falls</i>
WALLACE, GEORGE W.,	<i>Eveleth</i>
WARDWELL, JAMES C.,	<i>Pembina, N. D.</i>
WOOD, EDNA,	<i>Millbank, S. D.</i>
WYLIE, LULU E.,	<i>Drayton, N. D.</i>
ZIMMERMAN, ANNIE M.,	<i>Spring Valley.</i>
WELLS, FLORENCE G.,	<i>Hamline</i>
WHITNEY, MAUD E.,	<i>Princeton</i>
WILKINSON, ERNEST H.,	<i>St. Charles</i>

College Specials.

ALBERTSON, CHARLES N.,	<i>Hamline</i>
ARNY, ANA H.,	<i>Newport</i>
BANDELIN, OSCAR,	<i>Hamline</i>
BURNS, LEO,	<i>Wells</i>
BUTLER, BERTRAM T.,	<i>St. Paul</i>
CAMPBELL, GUY W.,	<i>Fairchild, Wis.</i>
CLARK, HALLIE E.,	<i>Janesville</i>
DUNN, A. PAUL,	<i>Winnebago City</i>
DYER, S. B.,	<i>Pipestone</i>
EVANS, ELIZABETH,	<i>Racine</i>
EVANS, ROBERT E.,	<i>St. Paul</i>
FEATHERSTONE, BURTON G.,	<i>Red Wing</i>
FERGUSON, KITTIE,	<i>Kensal, N. D.</i>
FIELD, FLORENCE E.,	<i>Beardsley</i>
FOSTER, LILLIE F.,	<i>Hamline</i>
FRYCKBERG, JOHN W.,	<i>Hamline</i>
GEER, JAMES A.,	<i>Gault, Ontario</i>
HEAL, PEARL,	<i>Hamline</i>
HANSEN, OLIVER C.,	<i>Minneapolis</i>
HEIMBACH, MATTIE,	<i>Egan, S. D.</i>
HUSER, EDNA I.,	<i>Cumberland, Wis.</i>
INWOOD, ARTHUR I.,	<i>McCutchansville, Ind.</i>
JOHNSON, EVA C.,	<i>Claybank</i>
JOHNSON, HERMAN,	<i>Madison</i>
KAHL, JOSEPH A.,	<i>Radcliffe, Ia.</i>
KAZZ, HERMAN,	<i>St. Paul</i>
KERN, WILLARD I.,	<i>Burford, Ontario</i>
KING, ROY F.,	<i>Ellensdale, N. D.</i>
KINGSTON, MERTON F.,	<i>Tower</i>

LASELL, MABEL,
LIBBEY, JOANNA,
LOWE, JOHN,
LUND, AXEL B.,
MARTIN, MABEL V.,
MCCOMBS, VERNON,
MCCORMICK, JOHN D.,
MCKENZIE, DONALD,
MILLER, CHAS. H.,
NOLTEMIER, HARRY B.,
NOLTEMIER, SARAH,
OLSON, ELIZABETH,
PEMBERTON, JOHN L.,
PETERSON, ARTHUR T.,
PUFFER, FLORENCE E.,
RICHARDSON, SETH W.,
ROSSER, WATKIN W.,
SCHALL, THOS. D.,
SHELDON, MARY B.,
SIGMONDSTADT, RICHARD,
SLACK, JAMES A.,
SMITH, ESTHER A.,
SPERRY, CLARA L.,
SPOONER, CARRIE A.,
SPOONER, GRACE N.,
STEUERNAGEL, A. C.,
SWENSON, JOHN W.,
THOMAS, MARGARET,
TYRRELL, C. C.,
VAN CAMPEN, BENJ. H.,
VAN EVERA, CORNELIUS,
WALKER, W. A.,
WASHBURN, REUBEN J.,
ZIMMERMAN, SAMUEL A.,

Waubay, S. D.
Red Wing
Hamline
Dawson
Hamline
Hewitt
Owatonna
Minneapolis
Red Wing
Newport
Newport
Afton
Hamline
Olivia
Bird Island
Ortonville
Hamline
Hamline
Floyd
Tesler, Norway
Hamline
Austin
Owatonna
Mondamin, Ia.
Mondamin, Ia.
Winona
Hamline
Melette, S. D.
Bellwood, Neb.
Cannon Falls
Owatonna
Steele, N. D.
Monticello
Elizabeth

Courses of Study.

Three courses of study are open to the members of the College of Liberal Arts.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSES. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

Requirements for Admission to the Freshman Class.

Classical Course.

- LATIN: Cæsar, Gallic War, six books.
Virgil, Æneid, four books.
Cicero, five orations.
Latin Grammar, Allen and Greenough's or an equivalent.
Latin Prose Composition.
- GREEK: Xenophon, Anabasis, three books, (1900); four books, (1901).
Homer, Iliad, 1100 lines, (1900); 1600 lines, (1901).
Greek Grammar, White's First Greek Book.
Composition based on Anabasis first two books.
Prosody, Sight Reading.
- MATHEMATICS: Plane and Solid Geometry.
Algebra, through Quadratic Equations, Wentworth's or an equivalent.
- ARITHMETIC: Including the Metric System.
- ENGLISH: English Grammar and Analysis.
Elementary Rhetoric and Composition.
- HISTORY: History of the United States.
General History.

Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

Examination for Admission.

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

Record and Examination.

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

Advance Standing.

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

Registration—Deficient Work.

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

Degrees.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

Master's Degree.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and, before the degree is conferred an additional fee of \$5.00 will be charged.

Course of Study by Departments.

Latin.

COURSE A.—**Livy**, Books I and XXI, four times a week for two terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—**Horace**, four times a week for the Spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rhythmical reading of the odes. Required of all Freshmen.

COURSE C.—I. **Terence**, five times a fortnight for the Fall term; to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. **Cicero**, five times a fortnight during the Winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. **Horace**, five times a fortnight during the Spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—In the Fall, Winter and Spring terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation. Open to those who have taken courses A, B and C.

COURSE E.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B and C.

All the instruction in the Latin department will have frequent reference to Roman archaeology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

Greek.**COURSE A.—I. Homer's Odyssey with metrical reading.**

II. Lysias, Select Orations.

III. Xenophon, Memorabilia.

In the Winter and Spring terms will be given Composition based on part of the work, with a view to acquiring familiarity with the idioms and style of Attic Prose. Topics and discussions throughout the year. Daily. Required of Classical Freshmen.

COURSE B.—Plato, Apology; Sophocles, Antigone; Demosthenes, De Corona. Elective for Sophomores. Three hours a week. An elective two hours a week is provided for Juniors or Seniors.

Throughout the course special emphasis is laid on sight-reading, and studies in word composition and derivation. Constant reference is made to ancient Greek geography, history, philosophy, mythology, art, manners and customs.

German.

COURSE A.—**Beginning German.** Joynes-Meissner's Grammar and Hewett's Reader are studied entire. Special attention is given to conversation based on the selections read, to pronunciation and reading, and to memorizing of short poems. Daily. Elective for Sophomores.

COURSE B.—**Advanced German.** I. Schiller: Wilhelm Tell, and Das Lied von der Glocke.

II. Der Trompeter von Säkkingen.

III. Hermann und Dorothea.

This course includes composition, collateral reading, reviews of works read, and conversation. Elective for Juniors.

French.

COURSE A.—**Beginning French.** I. Fall term. Grammar, Char-denal. Regular inflection and syntax.

II. Winter term. Super's Reader; Mérimée's Colomba, with irregular verbs and idioms.

III. Spring term. Halévy's L' Abbé Constantin. Composition on La Dernière Classe. A facility in reading and understanding spoken French is sought. Daily. Elective for Sophomores.

COURSE B.—**Advanced French.** Elective for Juniors.

Rhetoric and Theme Writing.

COURSE A.—Freshmen Rhetoric. Study of the principles of English prose style. The work is based upon Wendell's English Composition, and Brewster's Studies in Structure and Style. Select essays of Macaulay, DeQuincey and Carlyle are studied incidentally to illustrate the principles enunciated. Twice a week throughout the year. Required of all Latin-Scientific Freshmen.

COURSE B.—Freshmen Theme Writing. All Freshmen meet once a week for instruction in the writing of themes and the criticism of themes written. Frequent daily paragraphs and weekly themes are required.

COURSE C.—The English Essay, its History, Form and Style. Representative essays of the chief writers of periodical literature from Addison to the present time are studied. In the Spring term, the modern American review and newspaper are given special attention. Frequent practical exercises. Once a week throughout the year.

COURSE D.—Debate. A course in the study and practice of Argumentation. Several noted arguments are analyzed by the class, briefs are studied and made, and extempore debates are given by appointed disputants. Carefully written arguments are also required; Once a week throughout the year.

All Juniors and Sophomores are required to take either C or D.

English Literature.

COURSE A.—Outline History and Rapid Reading Course. Pan-coast's Introduction serves as a guide. The readings include selected whole works of the chief writers of English literature from Chaucer to the present time. The object is to give a general view of the whole field, a knowledge of literary types, and an introduction to the best that has been done in English. Three times a week throughout the year. Elective for Sophomores.

COURSE B.—English Literature, 1750-1830. Revival and growth of English Romanticism. Special attention is given to Wordsworth, Coleridge, Keats, Byron, Shelley and Scott. Three times a week throughout the year. Open to Juniors and Seniors who have taken Course A.

COURSE C.—Shakespeare. A critical analysis of his poetic and dramatic art as represented in the sonnets and in twelve of his greatest dramas, with collateral readings in other Elizabethan dramatists. Three times a week. Open to Juniors and Seniors who have taken Course A. (This course will be omitted 1900-1901).

COURSE D.—Victorian Literature. A critical study of individual writers, Carlyle, Tennyson, Browning, with collateral readings in Arnold, Clough, Ruskin. The readings in this course are done outside the class room by general and special assignment. The class room work consists of reports, discussions and lectures. Three times a week throughout the year. Open to Seniors who have had Course A and either Course B or Course C.

COURSE E.—Literary Criticism. The study and the practical application of the principles of literary criticism. Winchester's Principles of Literary Criticism is used as a text book. This course is designed for teachers of English literature. Once a week. Open to all who are taking Course B or D.

Mental and Moral Philosophy.

COURSE A.—**Psychology**, four times a week through Fall term.

This is a general elementary course of study of the outlines of the science, it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—**Moral Science**, four times a week during Winter term. Optional for Seniors.

COURSE C.—**Natural Theology**, twice a week through Spring term. Optional for Seniors.

COURSE D.—**Evidence of Christianity**, three times a week through Spring term. Optional for Seniors.

English Bible.

Bible Study. Once a week through four years each of the college classes devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

Historical and Political Science.

I. HISTORY.

COURSE A.—Modern History. A half-study throughout the year, elective for the Sophomores. Fisher's Modern History is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

COURSE B.—Science of Government. A half-study, required during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in Bryce's American Commonwealth. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—History of Civilization. A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

II. POLITICAL ECONOMY.

COURSE A.—Introduction to the Study of Political Economy. Three times a week, optional with the Juniors for the Spring term. Walker's Political Economy, Advanced Course, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—Advanced Course. A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work under charge of the professor, and of theses read before the Senior class.

Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Van Dyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

American Constitutional and Common Law.

This course is an elective, twice a week, through the Senior year. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

Mathematics and Astronomy.

COURSE A.—Plane and Spherical Trigonometry. Five times a week. Fall term.

II. University Algebra. Function, Theory of Limits, Derivation, Development of Functions in Series, Convergency and Summation of Series, Computation of Logarithms, Chance, Choice, Graphic Solution of Equation and Systems.

This course required of all Freshmen.

COURSE B.—Analytical Geometry. Five times a fortnight during the entire year. This course is elective for all who have had Course A, and is offered only on alternate years; it will be open in 1900-1.

COURSE C.—Calculus. Five times a fortnight during the entire year. This course is elective for all who have had Courses A and B and is offered only on alternate years; it will be open in 1901-2.

COURSE D.—Astronomy. Three times a week, Spring term. An outline course in Descriptive Astronomy. Elective for Juniors.

Physics.

COURSE A.—Elementary Mechanics. This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores.

COURSE B.—Physics. I. Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases, sound, heat, electricity and magnetism, and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores.

COURSE C.—Physics. II. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for Seniors.

Chemistry.

COURSE A.—General Chemistry. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Juniors and Seniors.

COURSE B.—Basic Qualitative Analysis. I. This course extends through the third term of Junior year, two afternoons each week. It consists almost wholly of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of chemical equation. Elective for Juniors.

COURSE C.—Qualitative Analysis. II. This course, which extends through the first term of Senior year, four hours per week, continues the work of Course B. Especial attention is given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. Elective for Seniors.

COURSE D.—Quantitative Analysis. This course extends through the Senior year. The student is first taught the use of the balance, and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for Seniors.

Geology.

COURSE A.—Elements of Geology, four times a week through the Spring term. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Seniors.

Biology.

COURSE A.—Elementary Invertebrate Zoology. Three times a week, for three terms, as follows:

- I. Protozoa, Coelenterates and Echinoderms, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold; first, to train students to the habit of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-water or land animals are selected as far as possible. Groups are taken up seriatim, and several representative forms of every principal group are examined. Among the forms actually studied are such as Amoeba, Euspongia, Hydra, Asterias, Strongylocentrotus, Unio, Ostrea, Lumbricus, Cambarus, Eupagurus, Pinnotheres, Cyclops, Branchippus, Caloptenus and many others. The work is a course of lectures required to be reported by the students and of laboratory work on the animals referred to, or on some closely allied ones. There are frequent written quizzes. Required of all Latin-Scientific Freshmen, optional for Sophomores in the Classical Course.

COURSE B. I. General Biology, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protoctus, Penicillium, Spirogyra, Geranium Leaf, Parmacium, Vorticella, Hydra and other subjects. Then the physiological conditions of cell life are investigated on Yeast as a subject. The conditions of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations.

II. Vertebrate Morphology, twice a week through the Winter term. The smelt and the salamander are dissected, and this work is accompanied by a course of lectures on the Elements of the Comparative Anatomy of Vertebrates.

III. Mammalian Histology, twice a week through the Spring term. This is an elementary course of lectures and laboratory work in the histology of the tissues and some of the more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on the

study of fresh material and in part on prepared slides, and includes practice in preparing and mounting material for microscopical study by the simpler processes of fixing, staining, imbedding, sectioning and balsam-mounting of tissues and organs.

Course B is optional for Sophomores or Juniors; students in the Classical Course who wish this course must first have taken Course A.

COURSE C.—Mammalian Physiology, four times a week for the Fall and Winter terms. This is chiefly a lecture and recitation course; demonstrations are given, but the individual laboratory study of physiology is not attempted. The attempt is, however, made so far as possible to consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is optional for Juniors or Seniors, but open only to students who have taken Courses A and B.

COURSE D.—Advanced Biology, twice a week through the Senior year. This is an individual and practical course, intended for those who are preparing to specialize in biology. It is open only to those who have completed Courses A and B, and have shown marked proficiency in practical and theoretical biological work. Distinct courses are not assigned, but it is planned to devote the Fall term to mammalian osteology and the Winter term to the dissection of a mammal including all the systems, and the spring term to Vertebrate Embryology. Other zoological subjects may be taken up here in place of the work indicated. Students entitled to take the course may do work in botany supplementary to that included in Course B, I.; pursuing such subjects as the morphology and classification of the higher plants, or the morphology of the cryptogams. No regular classes are formed or lectures given in this course.

NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for fifty students at one time. There are twenty-five compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on.

Synopsis of the Course of Study.

FRESHMAN YEAR.	Fall Term.	LATIN.—Livy. 4. MATHEMATICS.—Plane and Spherical Trigonometry. <i>Classical</i> .—GREEK, Odyssey. 5. Rhetoric. 1. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Protozoa and Coelenterata. 3.
	Winter Term.	LATIN.—Livy. 4. MATHEMATICS.—Algebra. <i>Classical</i> .—GREEK, Lysias. 5. Rhetoric. 1. <i>Latin Scientific</i> .—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Echinoderms, Scolecids and Mollusks. 3
	Spring Term.	LATIN.—Horace. 4. MATHEMATICS.—Algebra. <i>Classical</i> .—GREEK, Xenophon, Memorabilia. 5. Rhetoric. 1. <i>Latin Scientific</i> .—RHETORIC. 3. " " BIOLOGY. A. Annelids and Arthropods. 3.
SOPHOMORE YEAR.	Fall Term.	PHYSICS.—Carhart. 4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Terence, Literature. 2½. GREEK.—Plato Apology. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—2½. BIOLOGY B. I. (2 afternoons).
	Winter Term.	PHYSICS.—4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Cicero's Lælius or Pliny's Letters; Literature. 2½. GREEK.—Sophocles, Antigone. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—2½. BIOLOGY B. II.
	Spring Term.	PHYSICS.—Lectures. 4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Horace De Arte Poetica or Quintilian; Literature. 2½. GREEK.—Demosthenes, De Corona. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—2½. BIOLOGY B. III.

The figures indicate the number of class exercises per week.
 Sixteen exercises per week, including Bible study and rhetoricals are required.

JUNIOR YEAR.			
	Fall Term.	Winter Term.	Spring Term.
	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Remsen; Laboratory Practice. 4. (3 afternoons.) BIOLOGY B I.—2 (afternoons). HUMAN BODY.—4. GERMAN.—4. FRENCH.—5. LATIN.—2. CALCULUS.—2½. GREEK.—2.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Laboratory Practice. 4. (3 afternoons.) BIOLOGY B II.—2. HUMAN BODY.—4. GERMAN.—5. FRENCH.—5. LATIN.—2. CALCULUS.—2½. GREEK.—2.	ENGLISH LITERATURE.—4. LOGIC.—McCosh. 3. GERMAN.—Goethe. 3. FRENCH.—5. POLITICAL ECONOMY.—3. QUALITATIVE ANALYSIS.—Appleton. 2. DESCRIPTIVE ASTRONOMY.—Young. BIOLOGY B III.—2. CALCULUS.—2½. GREEK.—New Testament. 2. LATIN.—2.
SENIOR YEAR.			
	Fall Term.	Winter Term.	Spring Term.
	POLITICAL ECONOMY.—4. HUMAN BODY.—4. PSYCHOLOGY.—4. HISTORY.—Civilization. 4. EDUCATION.—2. ENGLISH LITERATURE.—2. PHYSICS or CHEMISTRY.—2. BIOLOGY D.—2. CONSTITUTIONAL LAW.—Black. 2.	HUMAN BODY.—4. POLITICAL ECONOMY.—4. HISTORY.—Civilization. 4. MORAL SCIENCE.—Porter. 4. CONSTITUTIONAL LAW.—2. EDUCATION.—2. ENGLISH LITERATURE.—2. PHYSICS or CHEMISTRY.—2. BIOLOGY D.—2.	NATURAL THEOLOGY.—Chadbourne; Lectures. EVIDENCES OF CHRISTIANITY.—Hopkins. 3. INTERNATIONAL LAW.—3. GEOLOGY.—4. AMERICAN COMMON LAW.—Lectures. 2. SOCIOLOGY.—4. EDUCATION.—2. ENGLISH LITERATURE D.—2. PHYSICS or CHEMISTRY.—2. BIOLOGY D.—2.

Preparatory Department.

The Preparatory Department, although separated in some respects from the College department, is yet kept in vital connection with it; and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

STUDENTS.

Third Preparatory.

BAUTER, HELEN,	<i>St. Paul</i>
BRIDGMAN, DONALD E.,	<i>Hamline</i>
CLARE, ED.,	<i>Hamline</i>
DRILL, JOHN J.,	<i>Browerville</i>
DURNALL, MYRTLE I.,	<i>Hamline</i>
ERICKSON, SWAN,	<i>Duluth</i>
FERCH, AARON J.,	<i>Odessa</i>
FOSTER, MABEL G.,	<i>Hamline</i>
GOULD, RAYMOND D.,	<i>Excelsior</i>
HELGESON, CLIFFORD W.,	<i>Herman</i>
IDE, A. LEWIS,	<i>Forest Lake</i>
INWOOD, ANNA M.,	<i>McCutchansville, Ind.</i>
KINSMAN, ADIELBERT G.,	<i>Hamline</i>
KREIDLER, EDMUND H.,	<i>Herman</i>
LARSON, IDA H.,	<i>Clarks Grove</i>

MITCHELL, HOWARD W.,	<i>Washburn</i>
MOSS, JOSEPH L.,	<i>Chicago, Ill.</i>
PATTISON, G. J.,	<i>Racine</i>
PETERSON, GEO. E.,	<i>Cokato</i>
ROBY, ROY N.,	<i>Verdon, S. D.</i>
SCHWEITZER, FRED R.,	<i>Alma, Wis.</i>
SMITH, WM. W.,	<i>Ridgeway</i>
STOCKDILL, M. CHARLOTTA,	<i>Hamline</i>
WHEELER, GEORGE E.,	<i>Hamline</i>
WINSTON, MATTIE D.,	<i>Hamline</i>
WRIGHT, HELEN E.,	<i>Hamline</i>

Second Preparatory.

ALLEN, ALONZO B.,	<i>Spring Valley</i>
ALLIN, ERNEST A.,	<i>Buffalo</i>
ANDERSON, ALMA J.,	<i>Milan</i>
BABBIDGE, MARIE,	<i>Hamline</i>
BOLLINGER, VIRGINIA,	<i>St. Paul</i>
BOOEN, J. WESLEY,	<i>Hamline</i>
CHILTON, LIBBIE,	<i>Hamline</i>
DUFF, DARDANIA,	<i>Hamline</i>
FEATHERSTONE, WM. F.,	<i>Red Wing</i>
FOLTZ, MARJORIE E.,	<i>Hamline</i>
FRICH, DAGNEY M. L.,	<i>Hamline</i>
FUNK, ELLA O.,	<i>Red Wing</i>
HARRIS, ETHEL H.,	<i>Hamline</i>
HOYT, FAYETTE C.,	<i>Stewart</i>
HOYT, SIBYL,	<i>Hamline</i>
HURSH, MARION M.,	<i>Henning</i>
JENNINGS, CHARLES H.,	<i>Hamline</i>
JENNINGS, WALTER M.,	<i>Morgan</i>
JOYCE, A. REAMY,	<i>Minneapolis</i>
KIRKLAND, ARTHUR.	<i>Tramway, Wis.</i>
MANUEL, SUSIE,	<i>Canton</i>
MATCHETT, BELLE,	<i>Hamline</i>
MCKUSICK, ALLIE,	<i>Pine City</i>
McMURRAY, H. G.,	<i>Park Braco, N. D.</i>
MOBERG, EMMA,	<i>St. Paul</i>
ROBINSON, S. FORD,	<i>Hamline</i>
ROSSER, ANABEL,	<i>Hamline</i>
ROSSER, BESSIE,	<i>Hamline</i>

RUENITZ, ALFRED,	<i>Springfield</i>
RULE, LULU,	<i>St. Paul</i>
SAUNDERS, ROY J.,	<i>Parkers Prairie</i>
SEELEY, BESSIE,	<i>Chicago</i>
SMITH, MARY R.,	<i>Hamline</i>
STURTEVANT, NELLIE,	<i>Hamline</i>
THAYER, MABEL G.	<i>Cannon Falls</i>
WALLACE, ERNEST F.,	<i>Hamline</i>

First Preparatory.

ANDERSON, JOSEPH C.,	<i>St. Paul</i>
BIGELOW, HARRIET M.,	<i>Hamline</i>
BOOTH, GERTRUDE L.,	<i>Trevor, Wis.</i>
BOYER, BURTON,	<i>Hamline</i>
BUTCHER, CORA A.,	<i>Morton</i>
CARBERRY, JOHN H.,	<i>Hamline</i>
CLOW, VICTOR G.,	<i>Humboldt</i>
COONEY, WM. E.,	<i>Casselton, N. D.</i>
CRAIG, CARRIE E.,	<i>Drayton, N. D.</i>
CRAIG, JOHN C.,	<i>Merriam Park</i>
CROONQUIST, CHARLES L.,	<i>Kensal, N. D.</i>
DOHERTY, FLOSSY A.,	<i>St. Paul</i>
DRIVER, EMRIL,	<i>Kimball Prairie</i>
FAGLEY, HAROLD L.,	<i>St. Paul</i>
FAGLEY, PAUL G.,	<i>St. Paul</i>
FLINT, FERNA C.,	<i>Hamline</i>
FOSTER, EDNA A.,	<i>Hamline</i>
FRASER, A. B.,	<i>Hamline</i>
HAMRIN, C. N.,	<i>Hamline</i>
HASKIMOTO, K.,	<i>Butte City, Mont.</i>
JOHNSON, WM. H.,	<i>Hallock</i>
JONES, GEO. P.,	<i>Luverne</i>
KANN, MARGARET,	<i>Claybank</i>
KEAST, CHARLES P.,	<i>Calumet, Mich.</i>
LIBBEY, C. HOWARD,	<i>Red Wing</i>
MCCALLUM, AGNES,	<i>Hamline</i>
MCCAULAY, W. J.,	<i>Joliet, N. D.</i>
MCCOMBS, DAISY D.,	<i>Herwitt</i>
MCLEAN, NEIL,	<i>Penn, N. D.</i>
MESSERSMITH, HENRY B.,	<i>Minneapolis</i>
MOORE, ROBERT,	<i>Hamline</i>

NICHOLS, ETHER H ,
OLSON, O. ARTHUR,
OLSON, ARTHUR E.,
OSBORN, MAYBERT L.,
ROBINSON, HARRY,
ROSSER, WM.,
SARGENT, FRED W.,
SCANLON, MARTIN,
SCHULTZ, GEO. J.,
SIMS, NELLIE S.,
STANDIFERD, WM. W.,
SWITZER, ADA A.,
THOMPSON, PAUL M. T.,
WALLACE, BEATRICE,
WALSH, JULIUS C.,
WINSTON, CORA R.,
WOLSTED, JOEL,
WHEELER, CHARLES F.,
WHITE, MYRTLE,

Milaca
Stillwater
Afton
Eveleth
Hamline
Hamline
Red Wing
Belview
Verdon, S. D.
Florenceville, Ia.
Gladstone
Crystal, N. D.
West Duluth
Eveleth
St. Paul
Hamline
Harmony
Minneapolis
Hamline

Courses of Instruction.

Preparatory Department.

FIRST YEAR.

FIRST TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.—Allen and Greenough.

ENGLISH.

SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.

ENGLISH.

THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.

ENGLISH.

SECOND YEAR.

FIRST TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

Classical.—FIRST GREEK BOOK.

Latin Scientific.—GENERAL HISTORY.—4.

SECOND TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

Classical.—FIRST GREEK BOOK.

Latin Scientific.—GENERAL HISTORY.—4.

THIRD TERM.

Constructive Drawing.—GEOMETRIC CONSTRUCTIONS.

LATIN.—Cicero.

ELEMENTARY RHETORIC.—2.

Classical.—ANABASIS; COMPOSITION.

Latin Scientific.—GENERAL HISTORY.—4.

THIRD YEAR.

FIRST TERM.

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.—Carhart.

SECOND TERM.

SOLID GEOMETRY.—ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.

THIRD TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

Classical.—GREEK.—Iliad.

Latin Scientific.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

Department of Elocution.

The Department of Elocution offers two complete courses of study, and grants a certificate for the completion of either.

A. THE ADVANCED COURSE.

It is intended that the student shall carry this course contemporaneously with his course in the department of Liberal Arts. The subjects required in addition to those in the college curriculum are as follows:

English Phonation; one term.

Voice Building; two terms.

Pantomime; one term.

Physical Culture; three terms.

Philosophy of Expression; three terms.

Interpretation; seven terms; each one period per week.

B. ELEMENTARY COURSE.

In addition to the work in English in the college curriculum this course requires the same studies as in the Advanced Course, but in a more elementary form and two periods per week.

Two years are required to complete this course.

Six terms' work in this department may be substituted for one study one term of the college curriculum.

Elocution Students.

BUTLER, BERTRAM T.,	<i>St. Paul</i>
CARBERRY, JOHN H.,	<i>Hamline</i>
CARLETON, RALPH,	<i>Plainview</i>
CRAWFORD, ANNA L.,	<i>Luverne</i>
ELFORD, CLARENCE F.,	<i>Douglass</i>
FRYCKBERG, JOHN W.,	<i>St. Paul</i>
GUSE, HERMAN F.,	<i>Germany</i>
HALL, BENJAMIN F.,	<i>Wood Lake</i>
HANSON, AMANDA J.,	<i>Anoka</i>
HUSER, EDNA I.,	<i>Cumberland, Wis.</i>
KERN, WILLARD I.,	<i>Burford, Ont.</i>
MCCANN, ELIZABETH,	<i>Hamline</i>
MCKAIG, ROBERT R.,	<i>Hamline</i>
MCKENZIE, DONALD,	<i>Minneapolis</i>
MCNEIL, MARY C.,	<i>Detroit City</i>
MOORE, ROBERT,	<i>Hamline</i>
PRINGLE, W. A.,	<i>Hamline</i>
SILVERNALE, JOHN L.,	<i>Hamline</i>
SIMS, NELLIE G.,	<i>Florenceville, Ia.</i>
TAYLOR, FRED H.,	<i>Hamline</i>
TAYLOR, ROBERT J.,	<i>Hamline</i>
WHITE, MORRIS W.,	<i>St. Paul</i>
ZIMMERMAN, ANNIE,	<i>Spring Valley</i>

Department of Music.

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyu, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course of music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

Music Students.

BAKER, FLORENCE,
BENSON, ELSIE,
BRIGGS, MABEL,
BRIDGMAN, DOROTHY,
BUCK, FLORENCE,
COFFIN, MARY,
COLE, VERNA,
COLE, ZOOLA,
CRAIG, CARRIE E.,
FEELEY, MARY A.,
FLINT, FERNA,
GILLIS, WINNIFRED W.,
MCKUSICK, ALLIE,
MALLETTE, EDNA,
MANUEL, SUSIE,
ROSSMAN, ARTHUR,
STERLING, ALICE,
TERRY, SELINA,
THOMAS, MARGARET,
TOAL, ELVA,
WILHELMI, CORA,
WOOD, EDNA,

Dawson
Heron Lake.
Austin
Hamline
Hamline
Hamline
Hamline
Hamline
Drayton, N. D.
Hamline
Hamline
Pine Island
Pine City
Hamline
Canton
Hamline
Red Wing
Slayton
Mellette, S. D.
Boardman, Wis.
Hamline
Millbank, S. D.

General Information.

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Interurban Electric Railway, and from St. Paul by the Hamline Line.

LIBRARY.

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 8:20 A. M. until 5:00 P. M. It is free to all students, and they are aided in consulting it by the Librarian and by members of the Faculty. The library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society, are in easy reach and freely accessible to all students.

DEPARTMENT OF PHYSICAL CULTURE.

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. Hereafter work in this department, at least two hours per week, will be required. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Physical Examinations are held in the Fall term. Classes are formed and exercises are prescribed based upon such an examination. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-round development rather than the

training for special feats of skill or strength. Hand ball and basket ball tournaments are held during the Winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in base ball, foot ball, track and field sports and skating. A rink for the latter purpose, 300x100 feet, is flooded on the campus. The Athletic Association maintains a foot ball, a base ball and a track and field team, and annually contests for honors with the other colleges of the state.

LADIES' HALL.

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher. All other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

BOARD.

The Dining Hall is in the basement of the Ladies' Hall. Young ladies from a distance will be expected to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces)	\$2.75
Gentlemen, per week	2.75
Washing and ironing, per dozen50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.

The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.

NECESSARY EXPENSES.

Tuition, College Classes, Fall Term.....	\$12.00
Tuition, College Classes, Winter or Spring Term	11.00
Tuition, Preparatory Classes, Fall Term.....	10.00
Tuition, Preparatory Classes, Winter or Spring Term....	9.00
Incidentals, per term, all classes.....	2.00
Chemical Laboratory fee, per term.....	3.00
Biological Laboratory fee, per term.....	2.00
Apparatus broken by the student will be charged to his account.	
Elocution, per lesson.....	1.00
Instruction, piano or vocal, payable by the term, per lesson of one-half hour.....	1.00
Vocal Music, per term, in classes.....	2.00
Use of piano, one hour daily, per term.....	2.50
Text-books, per year.....	\$10.00 to 15.00

ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals.....	\$34.00	\$40.00
Room rent, fuel and light.....	36.00	36.00
Board, thirty-six weeks.....	90.00	90.00
Washing and ironing, 12 pieces per week...	18.00	18.00
Books and stationery, about.....	12.00	12.00
Minimum.....	\$190.00	\$196.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and drawing being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced.

Tuition, incidentals, music and art lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

LITERARY SOCIETIES.

There are seven Literary Societies in connection with the College of Liberal Arts. The Philomathean, Amphictyon and Phi Alpha are for college men; Browning and Athenæan for ladies; the Zarephathian for young men and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

RELIGIOUS SERVICES.

Students are expected to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

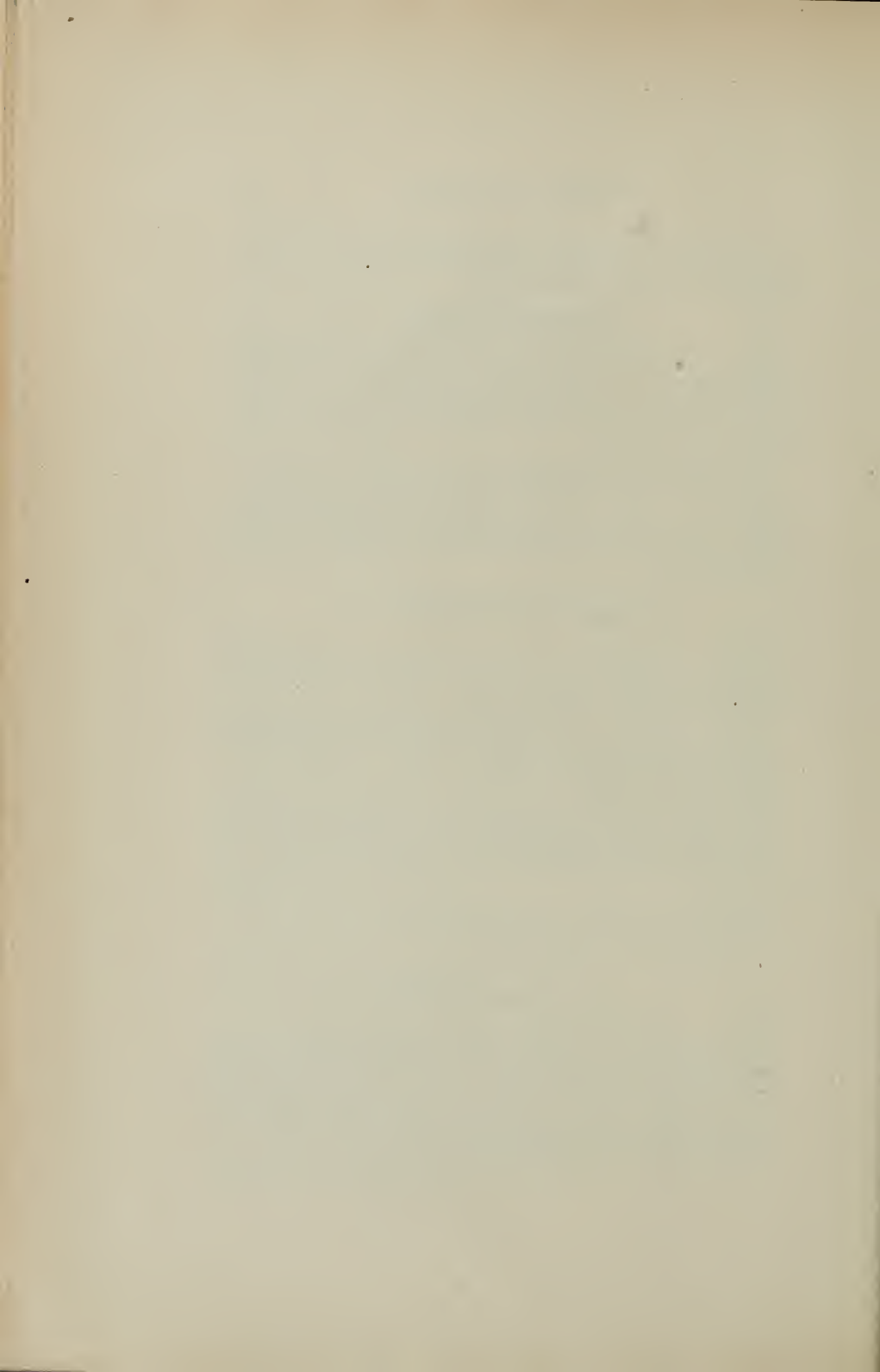
Voluntary meeting of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.

THE DIVINITY SCHOOL.

NOTE.

The Trustees fully expected to have opened a School of Theology before this time, but owing to the financial condition they have as yet been unable to do so. They still expect, however, to establish such a school as soon as the funds at their disposal will guarantee such an enlargement of the work of the University.



College of Medicine.

(Minneapolis College of Physicians and Surgeons.)

Board of Trustees.

LEO M. CRAFTS, M. D.,	-	-	-	Term expires 1901
WILLIAM J. BYRNES, M. D.,	-	-	-	Term expires 1901
G. C. BARTON, M. D.,	-	-	-	Term expires 1902
W. H. HALLOWELL, M. D.,	-	-	-	Term expires 1902
J. T. MOORE, M. D.,	-	-	-	Term expires 1903
J. D. SIMPSON, M. D.,	-	-	-	Term expires 1903

Officers of the College.

GEO. H. BRIDGMAN, D. D.,	-	-	-	-	<i>President</i>
J. T. MOORE, M. D.,	-	-	-	-	<i>Vice-President</i>
LEO M. CRAFTS, M. D.,	-	-	-	-	<i>Dean</i>
W. J. BYRNES, M. D.,	-	-	-	-	<i>Treasurer</i>

Faculty.

GEORGE H. BRIDGMAN, D. D., PRESIDENT.

LEO M. CRAFTS, B. L., M. D., DEAN,

Professor of Nervous Diseases.

J. T. MOORE, M. D., C. M., M. C. P. S.,

Professor of Theory and Practice of Medicine.

EDWIN PHILLIPS, M. D.,

Professor of Gynaecology.

W. J. BYRNES, M. D.,

Professor of the Principles of Surgery and Clinical Surgery.

COLUMBUS G. SLAGLE, M. D.,

Professor of Paediatrics.

HERBERT E. CARY, B. A., M. D.,

Associate Professor of Gynaecology.

J. W. MACDONALD, M. D., F. R. C. S. E.,

Professor Emeritus of the Practice of Surgery and Clinical Surgery

WILLIAM H. HALLOWELL, M. D.,

Professor of Obstetrics.

HUGH N. McDONALD, M. D.,

Professor of Diseases of the Chest.

C. K. BARTLETT, M.D.,

Professor of Psychological Medicine.

GEORGE C. BARTON, M. D.,

Professor of Clinical Gynaecology.

A. F. IRWIN, M. D., PH., D.,

Professor of Pathology and Bacteriology.

DAVID OWEN THOMAS, M. D., M. R. C. S.,

Professor of Dermatology and Genito-Urinary Diseases.

CHARLES J. SPRATT, M. D.,

Professor of Ophthalmology and Otology.

CHARLES W. WILLIAMS, M. D.,

Professor of Therapeutics.

J. D. SIMPSON, M. D.,

Professor of Clinical Ophthalmology and Otology.

KNUT HOEGH, M. D.,

Professor Emeritus of the Principles of Surgery and Clinical Surgery.

CHARLES W. DREW, PH. B., M. D.,

Professor of Chemistry and Toxicology.

HENRY J. O'BRIEN, M. D.,

Professor of Clinical Surgery.

CHARLES E. SMITH, M. D.,

Professor Emeritus of Clinical Medicine.

EDUARD, BOECKMAN, M. D.,

Professor of Ophthalmology.

ANTON SHIMONEK, M. D.,

Professor of Clinical Gynaecology.

C. A. MCCOLLOM, M. D.,

Professor of Preventive and Legal Medicine and Medical Insurance.

NORMAN DREISBACH, M. D.,

Professor of Anatomy.

WILLIAM GLENN, M. D.,

Professor of Physical Diagnosis and Clinical Medicine.

CHAS. J. MEADE, M. D.,

Professor of Clinical Medicine.

CHAS. F. DIGHT, M. D.,

Professor of Physiology.

H. B. SWEETSER, M. D.,

Professor of the Practice of Surgery and Clinical Surgery.

OTHER INSTRUCTORS.

- P. M. HOLL, M. D.,
Clinical Professor of Paediatrics.
- F. B. KREMER, D. D. S.,
Lecturer on Dental Pathology and Therapeutics.
- M. C. JOHNSTON, M. D.,
Assistant Professor of Pathology.
- ARNOLD SCHWYZER, M. D.,
Clinical Professor of Pathology.
- JOSEPH W. BETTINGEN, M. D.,
Clinical Professor of Diseases of the Nose, Throat and Ear.
- CHARLES F. DENNY, M. D.,
Instructor in Clinical Medicine.
- J. FRANK CORBETT, B. S., M. D.,
Assistant Professor of Bacteriology and Curator of the Museums.
- EDGAR M. DUNN, B. A.,
Assistant Professor of Chemistry.
- FREDERICK LEAVITT, M. D.,
Instructor in Clinical Obstetrics.
- F. A. KNIGHTS, M. D.,
Assistant Professor of Histology and Embryology and Instructor in Clinical Medicine.
- R. M. PETERS, M. D.,
Demonstrator of Anatomy and Instructor in Medicine.
- C. A. DONALDSON, M. D.,
Assistant Demonstrator of Anatomy.
- C. H. BRADLEY, M. D.,
Instructor in Clinical Obstetrics and Clinical Medicine.
- CARL J. LIND, M. D.,
Assistant Professor of Materia Medica.
- J. S. MACINE, B. A., M. D.,
Chief Demonstrator of Anatomy and Instructor in Surgery.
- FRANKLIN T. POEHLER, M. D.,
Instructor in Clinical Medicine.
- J. A. WATSON, M. D.,
Instructor in Diseases of the Nose, Throat and Ear.

University Scholars Assisting in Laboratory Instruction.

- EDWARD A. RICH, PH. B.,
In Histology and Embryology.
- PETER H. MUUS, B. A.,
- THOS. DEVEREUX, B. S.,
- EDGAR R. BARTON,
In Bacteriology.
- OTTO C. QUITMEYE,
- EDWIN D. STRECH,
In Chemistry.

Calendar.

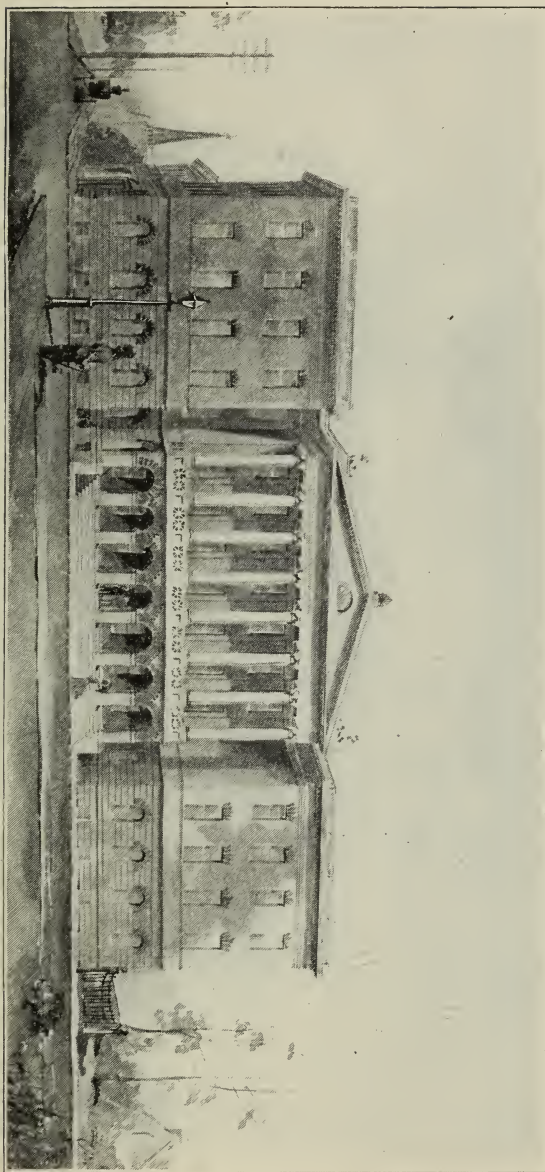
1900.

- Sept. 28—Friday. Entrance examinations, 9 A. M.
Sept. 29—Saturday. Entrance examinations, 9 A. M.
Oct. 1—Monday. Entrance examinations, 9 A. M.
Oct. 1—Monday. Examination for conditioned students, 9 A. M.
Oct. 1—Monday. Opening lecture, 8 P. M.
Oct. 2—Tuesday. College year begins; registration 9 A. M.
Oct. 10—Wednesday. Term tickets required for admission to lectures.
Dec. 15—Saturday. University day.

Christmas vacation from Dec. 16, 1900, to Jan. 2, 1901.

1901.

- Jan. 4—Friday. Second examination for conditioned students.
Feb. 22—Friday. Washington's birthday; a holiday.
May 14—Monday. Final examinations begin.
May 30—Wednesday. Memorial day, a holiday.
June 5—Wednesday. Class night exercises, 8 P. M.
June 5—Wednesday. Alumni clinics, 9 A. M.
June 6—Thursday. Commencement.
June 6—Thursday. Alumni class and banquet, 8 P. M.



MEDICAL DEPARTMENT, NORTH WING AND MAIN FRONT.

COLLEGE BUILDINGS.

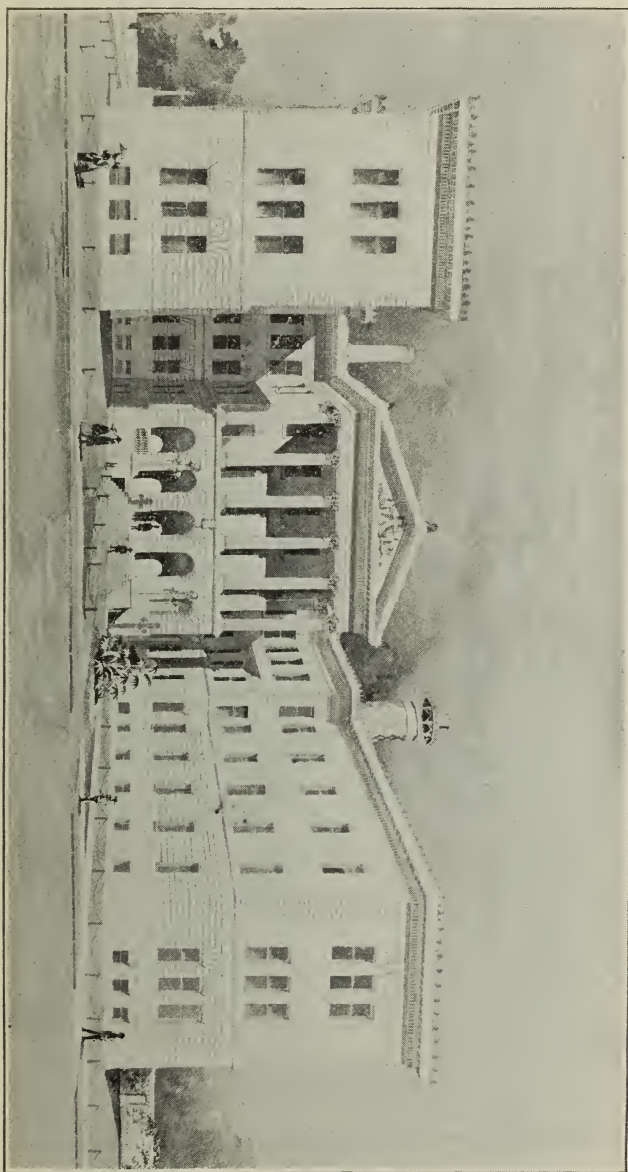
The new college building, is situated on the corner of Fifth Street and Seventh Avenue South, and was finished and occupied early in the season, last year.

The college has been exceedingly fortunate in securing its location, immediately opposite the large new buildings of the city hospital, giving unequalled clinical advantages, and the finest location for a medical college in the northwest.

The building now occupied is the south wing only, of the completed structure as it is to be. The site has been purchased to provide for the future growth of the department and is very commodious containing ample room for all future growth. The entire plans, as drawn, provide for a building one hundred and thirty by one hundred and fifty feet on the ground and most admirably arranged in every detail for the best work.

The south wing now occupied will be ample for the present needs and the immediate future. The large amphitheater seats two hundred and twenty-five, besides two other large class rooms. The dissecting room with adjoining lavatory is large, extending entirely across the building, and admirably lighted across both sides and by skylight. The laboratories are large, airy and carefully arranged for light and convenience. There is a student's reading room and a separate ladies' parlor and retiring rooms. Especial attention has been given to the dispensary rooms which occupy the ground floor. Eleven rooms are devoted to this purpose, with large waiting rooms, history, clinic and drug rooms, giving by far the best dispensary facilities in the city.

A full view of the north wing and main front of the completed building appears on the opposite page.



MINNEAPOLIS CITY HOSPITAL.

Announcement.

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its eighteenth annual course of lectures on October 2, 1900, at 8:00 P. M., at which time the introductory address will be given by Prof. Dreisbach in the college amphitheater.

HISTORY.

This college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, for the purpose of elevating the standard of medical education throughout the northwest. For many years it struggled against heavy odds, but always maintained its high standard for graduation. In 1893 the tide turned. It received strong additions to its faculty, and immediately increased the number of its students more than four-fold, which placed it at once on a firm financial basis.

In 1895 it was made the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

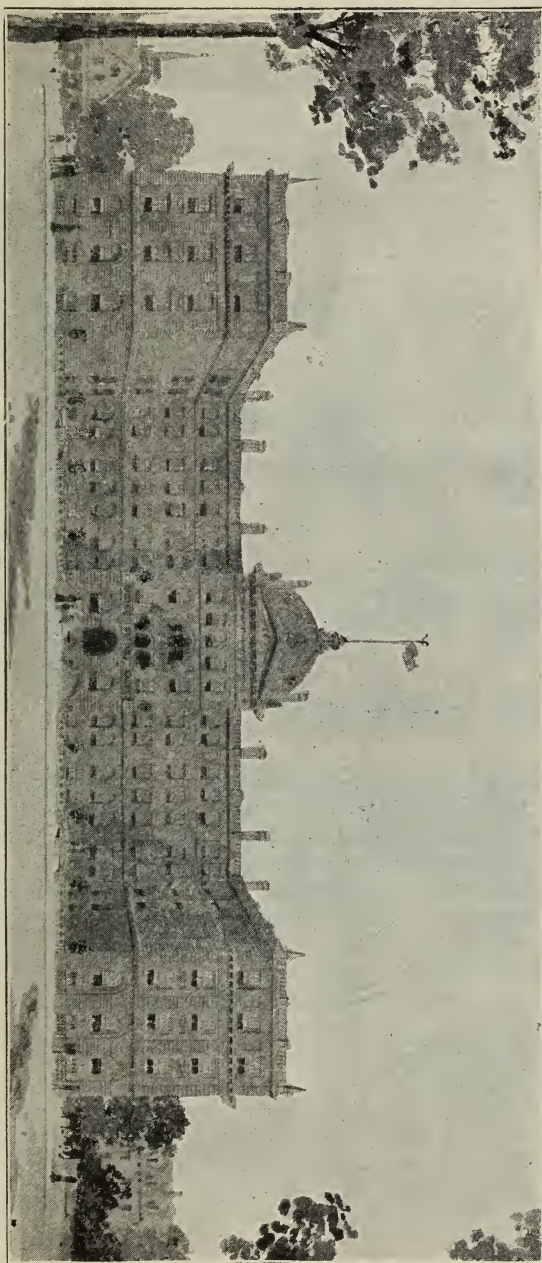
In the same year the course of study was lengthened to four years, beginning with the class entering for that session.

In 1896 the length of session was increased from six to eight months, and notice was published that on and after the year 1900, a first grade high school diploma, or its equivalent, would be required for entrance, being the first school in the northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

A member of the Association of American Medical Colleges, the certificates and degrees granted by this institution are recognized by the best medical colleges in the United States.



NEW BUILDING—ASBURY METHODIST HOSPITAL.

HOSPITALS.

The clinical facilities of this college are the best that can be obtained in the twin cities, the building being situated in the immediate vicinity of the three chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of all the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist Hospital, St. Barnabas and St. Mary's Hospitals, in Minneapolis; and the City and County Hospital, St. Joseph's, St. Luke's and Bethesda Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

REQUIREMENTS FOR ADMISSION TO MEDICAL COLLEGES IN MINNESOTA.

Entrance Examinations.

In accordance with an agreement between Hamline University and the University of Minnesota the requirements for admission to their Medical Departments, which represent all the medical schools of the state, will hereafter be uniform.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carlton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

Candidates who do not possess such qualifications will be required to pass an entrance examination, which will be conducted by an examining board consisting of three members of the faculty of the College of Science, Literature and the Arts, appointed by the President of Hamline University.

In 1900 the requirements will be the same as the requirements for admission to the freshman class of the College of Science, Literature and the Arts at the present time. and will be as follows:

1. English Composition and Rhetoric.
2. United States History.
3. History of Greece and Rome.
4. Physiology.
5. Physics.
6. Algebra.
7. Geometry.
8. Latin Grammar.
9. Cæsar, four books; Cicero, four orations; Virgil, four books, or German or French in lieu of Cicero and Virgil.

ADMISSION TO ADVANCED STANDING.

Graduates of recognized Universities and colleges, where the prescribed course in chemistry, histology, etc., is equal to the work required in the first year of the graded course, may apply for admission to the second year class. The professors of histology, physiology and chemistry will pass upon the evidence presented by the student, and have the power to require an examination if the certificates are not satisfactory.

Graduates from recognized colleges of dentistry, pharmacy and veterinary medicine, will be accorded credit for one year under the same conditions.

Students from other medical schools who apply for advanced standing must either pass examinations in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examinations, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

REGISTRATION.

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the fifteenth day of November in each year. Fees are payable to the Treasurer, and must be paid at the time of registration.

Tickets of registration will be necessary for admission to all lectures after October 10th.

Division of Subjects.

The course of instruction in this college consists of a four years' graded series of lectures, recitations, clinics and laboratory exercises, each session is of eight and a third months duration, and the subjects are arranged as follows:

FIRST YEAR.

Histology and Embryology.
Anatomy.
Physiology.
Chemistry.
Materia Medica.

SECOND YEAR.

Anatomy.
Medical Chemistry and Toxicology.
Physiology.
Materia Medica.
Pathology.
Apparatus and Bandaging.

THIRD YEAR.

Therapeutics.
Surgical Anatomy.
Pathology.
Bacteriology.
Paediatrics.
Dermatology and Genito-Urinary Diseases.
Obstetrics.
Gynaecology.
Theory and Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.

FOURTH YEAR.

Theory and Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.
Operative and Clinical Surgery.
Obstetrics.
Gynaecology.
Preventive and Legal Medicine and Medical Insurance.
Neurology.
Psychological Medicine.
Ophthalmology and Otology.
Laryngology.
Orthopaedic Surgery.

No conditioned student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the faculty.

Tabular View.

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
<i>Histology and Embryology.</i> <i>Histology Laboratory.</i> <i>General Chemistry.</i> <i>General Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i>	<i>Medical Chemistry and Toxicology.</i> <i>Medical Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>*Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology.</i> <i>Pathology Laboratory.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Pediatrics.</i> <i>Dermatology.</i> <i>Genito-Urinary.</i> <i>Rectal and Venereal Diseases.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Theory and Practice of Med.</i> <i>Prin. and Practice of Surgery.</i> <i>Physical Diagnosis and Clinical Medicine.</i>	<i>Theory and Practice of Medicine.</i> <i>Principles and Practice of Surgery</i> <i>Physical Diagnosis and Clinical Medicine.</i> <i>Operative and Clinical Surgery.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Preventive and Legal Medicine.</i> <i>Medical Insurance.</i> <i>Neurology.</i> <i>*Psychological Medicine.</i> <i>Ophthalmology and Otolaryngology.</i> <i>Orthopaedic Surgery.</i>

NOTE—Final examinations in all subjects in *Italics*. Attendance and Quizzes required in all other subjects.

*Half session subjects.

Course and Methods of Instruction.

Anatomy.

The course in anatomy will consist of didactic lectures and practical exercises, with dissection, under the direction of the demonstrator. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available will be required to do all parts twice. The work in this branch covers two years' instruction. Plates, diagrams, models and frozen sections are used freely in illustration.

First Year.—Three times a week throughout the session. Professor Dreisbach. Dissections daily from October to April, including full demonstration. Professor Dreisbach, Drs. Macine, Murphy, Peters and Donaldson.

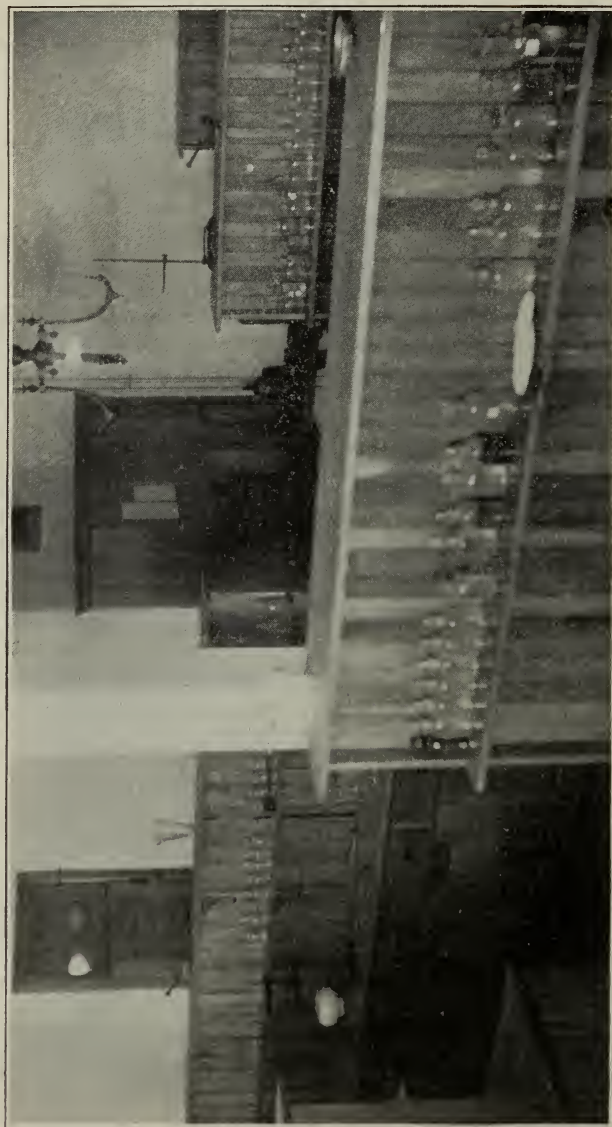
Second Year.—Twice a week throughout the session. Professor Dreisbach. Dissection and demonstrations, Drs. Macine, Peters and Donaldson. Recitations held weekly in both years covering fully all lectures.

Third Year.—Surgical anatomy once a week during last half of session, with continual demonstration on the subject. Prof. Byrnes.

Histology and Embryology.

Work in this subject includes lectures, laboratory exercises and recitations. Full time is given to laboratory technique to thoroughly familiarize the student with the microscope and laboratory methods. The latter part of the session is given to vertebrate embryology. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for those whose means will not afford purchasing.

First Year.—Lectures or recitations twice a week throughout the session. Laboratory work two hours three times a week. Recitations each week. Assistant Professor Knights and Mr. Rich.



LABORATORY OF CHEMISTRY.

Physiology.

This branch is taught by means of didactic lectures, recitations and frequent demonstrations on the lower animals, illustrating digestion, absorption, secretion, the blood and its circulation and the nervous system. The student thus studies the body practically and demonstrates all vital phenomena.

First Year. Four lectures a week, including recitations on all work covered. Prof. Dight.

Second Year. Four lectures a week, work in the laboratory in experimental physiology and physiological chemistry in sections each week and recitations. Prof. Dight.

Chemistry.

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

First Year.—Three lectures a week, continuing through the session, laboratory work two hours three times a week and recitations each week. Assistant Prof. Dunn.

Second Year. Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Drew. Laboratory work three hours once a week throughout the session, including clinical chemistry. Assistant Prof. Dunn.

Materia Medica.

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs. An unusual amount of time is given to the study of this subject.

First and Second Years. Two lectures a week through the year. Assistant Prof. Lind.

Pathology.

This subject is taught by lectures, recitations, frequent written quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens, before the class. The study in this subject is very complete, covering the processes of disease and the general and special causes of

morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

Second Year.—Two lectures a week during the session. Prof. Irwin. Two recitations or quizzes each week. Laboratory work two hours twice a week in sections. Asst. Prof. Johnston.

Third Year.—Two lectures a week through the year. Prof. Irwin. Clinical pathology once a week, Clinical Prof. Schwyzer, Asst. Prof. Corbett. Two recitations or quizzes each week. Asst. Prof. Johnston.

Bacteriology.

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail of laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

Third Year.—Two lectures a week throughout the year; recitations each week. Prof. Irwin, Asst. Prof. Corbett, Practical laboratory exercises two hours once a week. Asst. Prof. Corbett.

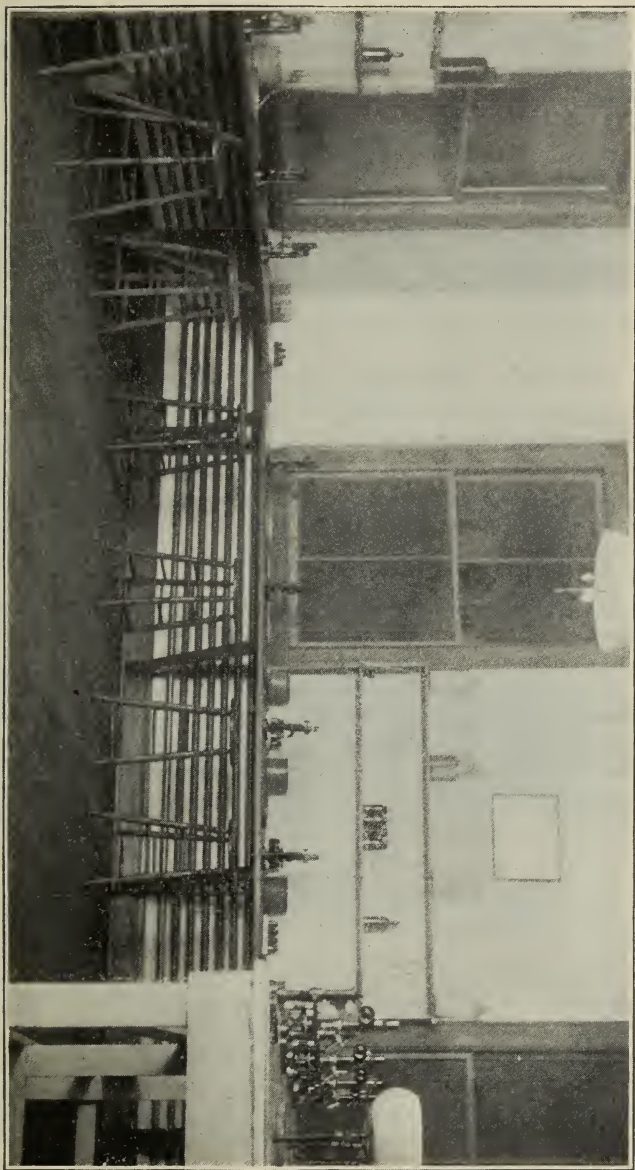
Therapeutics.

The work in this subject following the two years continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch together with lectures and demonstrations clinically under this and other chairs.

Third Year.—Two exercises a week through the year. Prof. Williams.

Theory and Practice of Medicine.

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This course extends through two years, final examination not being permitted till the end of the fourth year.



LABORATORY OF BACTERIOLOGY.

Third Year.—Two lectures a week through the session.

Fourth Year.—Two lectures a week through the session, with recitations each week on all ground covered. Prof. Moore, Dr. Peters.

Diseases of the Chest.

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

Third and Fourth Years.—One lecture a week throughout the session. Prof. McDonald. One clinic a week. Prof. McDonald.

Physical Diagnosis and Clinical Medicine.

The work in this department is commensurate with its importance and is thoroughly systematized. It consists of didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work is done in small sections, drilling the students in the observation and recognition of abnormal physical signs.

Third Year.—Lecture once a week through the season. Prof. Glenn. General clinics twice a week in the hospital amphitheaters of the twin cities. Profs. Glenn and Meade.

Fourth Year.—Lecture once a week through the year. Prof. Glenn. General and section clinics twice a week. A great part of the work being in small sections, with the personal attention of the instructors. Profs. Glenn, Williams and Meade, Drs. Knights, Denny, Bradley, Poehler and Leavitt.

Dermatology.

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

Third Year.—Once a week during first half of session. Prof. Thomas.

Genito-Urinary Diseases.

Lectures on the diseases of the sexual and urinary apparatus together with ample clinical study at the hospitals and dispensaries.

Third Year.—One lecture and clinic a week during the second half of the session. Prof. Thomas.

Neurology.

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens; models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro therapeutics.

Fourth Year.—One lecture and one clinic a week for the entire session. Prof. Crafts.

Psychological Medicine.

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

Fourth Year.—One lecture a week during first half of session. Prof. Bartlett.

Surgery.

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery, minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

Third and Fourth Years.—Practice of Surgery, two lectures a week. Principles of surgery, one lecture a week. Prof. Byrnes.

Clinical Surgery.

A two hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Prof. Byrnes and Clinical Prof. O'Brien. Operative surgery one exercise a week during second half year, including orthopædics.

Second Year.—Instruction in apparatus and bandaging throughout the year. Dr. Macnie.

Ophthalmology and Otology.

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of these organs.

Fourth Year.—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, twice a week. Clinical Prof. Simpson. Clinic, three hours once a week. Prof. Boeckman.

Diseases of the Nose and Throat.

Instruction in this subject consists of lectures and demonstrations in the clinic, including practical training in the use of instruments, the class being divided into small sections as in other special clinics.

Fourth Year.—Didactic and clinical lectures throughout the session. Clinical Prof. Bettingen. Clinics in sections each week, at dispensaries and hospitals. Clinical Prof. Bettingen. Dr. Watson.

Obstetrics.

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

Third and Fourth Years.—Three lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Dr. Leavitt and Dr. Bradley.

Gynaecology.

The teaching in this subject for both third and fourth year classes combines didactic lectures, recitations and demonstrations, with clinical observation both in minor and operative gynaecology in sections at the dispensary of the college and the hospitals.

Third and Fourth Years.—Lectures twice a week. Prof. Phillips. Associate, Prof. Cary.

Clinics, fourth year, in sections, three times a week. Clinical Professors Barton and Byrnes. Third and fourth year, once a week, general clinic. Clinical Professor Shimonek.

Preventive and Legal Medicine and Medical Insurance.

These combined subjects are grouped in a complete and sequent course falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, also the relations that medical science bears to legal questions, and finally the essentials of correct insurance examinations.

Fourth Year.—Two lectures a week, Preventive Medicine, October, November, December. Medical Insurance, January, February. Legal Medicine, April, May. Prof. McCollom.

Paediatrics.

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

Third Year.—One lecture a week throughout the year. Prof. Slagle. Clinics, each week in sections, in both cities. Clinical Prof. Holl, Dr. Denny.

Dental Pathology and Therapeutics.

A course of didactic lectures on Pathological Conditions of the teeth and jaws, including the antrum and fractures of the maxillæ, and therapeutic measures relating to these, with which the student of medicine should be familiar.

Fourth Year.—One lecture a week for twelve weeks. Dr. Kremer. Clinical demonstrations at the Dispensary, in sections, once a week for twelve weeks. Dr. Kremer.

Order of Instruction.

FIRST YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology. Dr. Dight. Room A.	Physiology. Dr. Dight. Room A.	Physiology. Dr. Dight. Room A.	Physiology. Dr. Dight. Room A.		
10-11	Anatomy. Prof. Dreisbach. Room A.	Histology Laboratory. Asst. Prof. Knights.	Anatomy Prof. Dreisbach. Room A.	Histology Laboratory. Asst. Prof. Knights.	Anatomy. Prof. Dreisbach. Room A.	
11-12			Materia Medica. Prof. Williams. Dr. Lind, Room A.		Materia Medica. Prof. Williams. Dr. Lind, Room A.	
1-2		Chemistry. Asst. Prof. Dunn. Room B.	Chemistry. Asst. Prof. Dunn. Room B.	Chemistry. Asst. Prof. Dunn. Room B.		
2-3	Histology. Asst. Prof. Knights. Room B.	Chemistry Laboratory. Asst. Prof. Dunn.	Chemistry Laboratory. Asst. Prof. Dunn.	Chemistry Laboratory. Asst. Prof. Dunn.	Histology. Asst. Prof. Knights. Room B.	
3-4	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	
4-5						

SECOND YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY	FRIDAY.	SATURDAY.
9-10	Physiology, Room A Dr. Dight.	Physiology, Room A Dr. Dight.	Physiology, Room A Dr. Dight.	Physiology, Room A Dr. Dight.	8:30 Physiological Laboratory.	Medical Chemistry, Laboratory. Asst. Prof. Dunn,
10-11	Apparatus and Bandaging, Room B. Dr. Macnie.	Anatomy, Room B. Prof. Dreitsbach.	Apparatus and Bandaging, Room B.	Anatomy, Room B. Prof. Dreitsbach.	Apparatus and Bandaging, Room B.	Dr. Murphy.
11-12		Materia Medica, Room A. Prof. Williams.			Materia Medica, Room A. Prof. Williams.	
2-3	Anatomy, Laboratory.	Anatomy, Laboratory.	Anatomy, Laboratory.	Pathology, Laboratory.	Anatomy, Laboratory.	Pathology, Laboratory.
3-4	Dr. Murphy.	Dr. Peters. Dr. Murphy.	Dr. Murphy.	Asst. Prof. Johnston.	Dr. Murphy.	Asst. Prof. Johnston
4-5	Dr. Peters. Dr. Donaldson.	Dr. Donaldson.	Dr. Peters. Dr. Donaldson.	Med. Chemistry, Room C. Prof. Drew.	Dr. Peters. Dr. Donaldson.	
5-6	Pathology, R. Room A. Asst. Prof. Johnston.	Pathology, L. Room A. Prof. Irwin.		Pathology, L. Room A. Prof. Irwin.	Pathology R. Room A. Asst. Prof. Johnston.	

L Lecture. R Recitation.

THIRD YEAR.

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Surgical Clinic. Prof. Macdonald. M. C. H. St. B. H.	Practice of Surgery. Prof. Macdonald. Room B.	Gynaecology Clinic. Prof. Shimonek. C. & C. H., St. Jos. H. St. Paul.	Theory and Practice. Prof. Moore. Room A.	Practice of Surgery. Prof. Macdonald. Room B.	Theory and Practice Prof. Moore. Dr. Peters. Room B.
10-11	Pædiatrics. Prof. Slagle. Room B.	Surgical Clinic. Prof. Hoegh. M. C. H. St. B. H.	Surgical Clinic. Prof. O'Brien. C. & C. H., St. Jos. H. St. Paul.	Therapeutics. Prof. Williams. Room B.	Pandralius Clinic. Cln. Prof. Holl. M. C. H., G. S. Dis.	Principles of Surgery. Prof. Hoegh. Room A.
11-12	Gynaecology. Professor Phillips. Room B.		11-1 Eye Clinic. Prof. Boeckman. C. & C. H., Beth H. St. Paul.	Gynaecology. Prof. Phillips. Room B.		Diseases of Chest. Prof. Macdonald. Room B.
1-2	Medical Clinic. Sections. Dr. Murphy. G. S. Dis.	Bacteriology Laboratory. Asst. Prof. Corbett.	Surgical Clinic. Sections. Prof. Dreisbach. G. S. Dis. Medical Clinic. Pt. Meade, Dr. Denny C. & C. H., St. Jos. H. St. Paul.	Medical Clinic. Lectures. Dr. Foehler, G. S. Dis.	Physical Diagnosis. Prof. Glenn, Prof. Williams.	Medical Clinic. Sections. Dr. Foehler. G. S. Dis.
2-3						Surgical Anatomy. Prof. Byrnes. Anatomical Laboratory.
3-4	Obstetrics. Prof. Hallowell. Room A.		Pathology Clinic. Cl. Prof. Schwyzer. C. & C. H. St. Jos. H. St. Paul.	Obstetrics. Prof. Hallowell. Room A.	Pelvic Tumors. Prof. Barton. Room A.	
4-5	Dermatology. Prof. Thomas. Room B.	Therapeutics. Prof. Williams. Room B.	Ear & Throat Clinic. Cl. Prof. Bettingen. C. & C. H., St. Jos. H. St. Paul.		Bacteriology. Asst. Prof. Corbett. Room B.	Dermatology Clinic. Prof. Thomas. M. C. H., G. S. Dis.
5-6	Pathology, R. Prof. Johnston. Room A.	Pathology, L. Prof. Irwin. Room A.		Pathology, L. Prof. Irwin. Room A.	Pathology, R. Asst. Prof. Johnston. Room A.	

G. S. Dis.—Good Samaritan Dispensary. M. C. H.—Minneapolis City Hospital. St. B. H.—St. Barnabas Hospital. C. & C. H.—City and County Hospital, St. Paul. St. Jos. H.—St. Joseph's Hospital, St. Paul. Beth. H.—Bethesda Hospital, St. Paul.

FOURTH YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Surgical Clinic. Prof. Macdonald. M. C. Hospital. St. Barnabas Hosp.	Practice of Surgery. Prof. Macdonald. Room B.	Gynaecol. Clin. Prof. Shimonek. C. & C. H., St. Jos. H. St. Paul.	Theory and Practice Prof. Moore. Room A.	Practice of Surgery. Prof. Macdonald. Room B.	Theory and Practice Prof. Moore. Dr. Peters. Room B.
10-11	Preventive & Legal Med. and Med. Ins. Prof. McCollom. Room C.	Surgical Clinic. Prof. Hoegh. M. C. H., St. B. H.	Surgical Clinic. Prof. O'Brien. C. & C. H., St. Jos. H. St. Paul.	Preventive & Legal Med. and Med. Ins. Prof. McCollom. Room C.	Medical Clinic. Dr. Bradley. ½ class, M. C. H.	Princip. of Surgery. Prof. Hoegh. Room A.
11-12	Gynaecology. Prof. Phillips. Room B.		11-1, Eye Clinic. Prof. Boeckman. C. & C. H. Beth. H. St. Paul.	Gynaecology. Prof. Phillips. Room B.	Medical Clinic. Prof. Macdonald M. C. H.	Diseases of the Chest Prof. Macdonald. Room B.
1-2	Eye and Ear. Prof. Spratt. Room C.	Eye and Ear Clin. Simpson. ½ Class Dispen.	Gyn'col. Clinic. Barton. Section Dispen.	Medical Clinic. Knights! ½ class M. C. H.	Physical Diagnosis. Lecture on Clinic. Prof. Williams. Prof. Glenn.	Eye Clinic Simpson. ½ class Dispens.
2-3	Psychological Med. Prof. Bartlett.	Gynaecol. Clinic. Prof. Byrnes. Prof. Barton. M. C. H., St. M. H.	Medical Clin. Prof. Meade, Dr. Denny. C. & C. H., St. Jos. H. St. Paul.	Gynaecol. Clinic. Profs. Barton and Byrnes. Section M. C. H. & St. M. H.	Neurology Clinic. Prof. Crafts. M. C. H., Ashbury H. Dispensary.	
3-4	Obstetrics. Prof. Hallowell. Room A.	Operative Surgery. Dr. Macnie.	Pathology Clinic. Cl. Prof. Schwyzer. C. & C. H., St. Jos. H. St. Paul.	Obstetrics. Prof. Hallowell. Room B.	Pelvic Tumors. Prof. Barton. Room C.	Cooking.
4-5	Neurology. Prof. Crafts. Room C.	Medical Clinic. Dr. Poehler. Section. M. C. H. Dispensary	Ear and Throat Clin Cl. Prof. Bettingen St. Paul.	Medical Clinic. Dr. Poehler. Section M. C. H. Dispensary	Dental Pathology & Therapeutics. Dr. Kremer. Room B.	Medical Clinic. Dr. Poehler. Section M. C. H. Dispensary

M. C. H.—Minneapolis City Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hospital.
County Hospital, St. Paul. St. Jos. H.—St. Joseph's Hospital, St. Paul. Beth. H.—Bethesda Hospital, St. Paul.

Text-Books.

The last edition of the following works are recommended as text-books and for collateral reading:

ANATOMY.

Text-books.—Morris, Quain, Gray, Wilson, Holden's Landmarks. Treve's Applied Anatomy.

Collateral Reading.—Weisse's Practical Human Anatomy. McLellan's Regional Anatomy. Humphrey's Human Skeleton. Harrison Allen's Anatomy.

HISTOLOGY AND EMBRYOLOGY.

Text-books.—Piersol, Klein, Minot.

Collateral Reading.—Marshall's Vertebrate Embryology. Schaefer's Essentials of Histology. Stohr's Manual of Histology. Quain's Anatomy.

PHYSIOLOGY.

Text-books.—Foster, American Text-book of Physiology.

Collateral Reading.—Kirke's Handbook of Physiology. Waller, Human Physiology. Hermann's Lehrbuch der Physiologie. Haliburton's Text-book of Chemical Physiology. Fick, Compendium der Physiologie.

GENERAL CHEMISTRY.

Text-books.—Remsen's Briefer Course. Appleton's Qualitative Analysis.

MEDICAL CHEMISTRY.

Text-books.—Purdy's Uranalysis and Urinary Diagnosis. Reese on Toxicology.

Collateral Reading.—Robert's Urinary and Renal Diseases. Ullmann and Hoffmann's Atlas der Harnsedimente. Taylor on Poisons. Hammarsten's Physiological Chemistry. Vaughan and Novy's Ptomaines and Leucomaines.

MATERIA MEDICA AND THERAPEUTICS.

Text-books.—White, Butler. Hare's Practical Therapeutics.

Collateral Reading.—Brunton's Pharmacology, Therapeutics and Materia Medica. National Dispensatory. H. C. Wood's Therapeutics.

PATHOLOGY.

Text-books.—Stengel. Delafield and Prudden. Ziegler.

Collateral Reading.—Ribbert. Pathologische Histologie. Mallory and Wright, Pathological Technique. Thoma, Pathologische Anatomie.

BACTERIOLOGY.

Text-books.—Fraenkel. Abbott.

Collateral Reading.—MacFarland, Heim, Sternberg.

THEORY AND PRACTICE OF MEDICINE.

Text-books.—Wood and Fitz Practice of Medicine. Tyson's Practice of Medicine. Ander's Practice of Medicine. Musser, Medical Diagnosis.

Collateral Reading.—Strümpell's Text-book of Medicine. Osler's Practice of Medicine. Pepper's System of Practical Medicine. Allbutt's System of Medicine. Eulenburg's Real-Encyclopaedia der Gesamten Heil-Kunde. Twentieth Century Practice of Medicine.

PHYSICAL DIAGNOSIS AND CLINICAL MEDICINE.

Text-books.—Jakob Atlas of Internal Medicine. Vierordt's Medical Diagnosis. Strümpell's Text-book of Medicine. Wood and Fitz, Practice of Medicine.

Collateral Reading.—Osler's Practice of Medicine. Fagge and Pve-Smith's Practice of Medicine. Twentieth Century Practice of Medicine.

PRINCIPLES AND PRACTICE OF SURGERY.

Text-books.—Roswell Park's Surgery. American Text-book of Surgery. Macdonald's Surgical Diagnosis and Treatment.

Collateral Reading.—Cleever's Lectures on Surgery. Warren's Surgical Pathology. Stephen Smith's Operative Surgery. Treve's Manual of Operative Surgery. Dennis System of Surgery. Greig Smith's Abdominal Surgery.

OBSTETRICS.

Text-books.—Playfair. Parvin. American Text-book of Obstetrics. Hirst.

Collateral Reading.—Lusk's Manual of Midwifery. Schanta's Grandriss der Operativen Geburtshilfe. Reynold's Practical Midwifery. Kucher's Puerperal Convalescence.

GYNAECOLOGY.

Text-books.—Thomas and Munde's Diseases of Women. Byford. Penrose. Playfair. Massey.

Collateral Reading.—Skene's Diseases of Women. Keating and Coe's Clinical Gynaecology. Pozzi's Treatise on Gynaecology.

PEDIATRICS.

Text-books.—J. L. Smith. Holt's Diseases of Infancy and Childhood. Starr. Rotch's Pediatrics.

Collateral Reading.—Jacobi's Therapeutics of Infancy and Childhood. Kaeting's Cyclopaedia of the Diseases of Children.

NERVOUS DISEASES.

Text-books.—Potts, Nervous and Mental Diseases. Church and Peterson's Nervous and Mental Diseases. Dercum's Nervous Diseases by American Authors. Mills' The Nervous System and its Diseases. Gowers' Diseases of the Nervous System. Bramwell's Diseases of the Spinal Cord.

Collateral Reading.—Dana's Text-book of Nervous Diseases. Strümpell's Text-book of Medicine. Sachs' Nervous Diseases of Children. Herter's Manual of Diagnosis of Nervous Diseases. Gordinier's Anatomy of the Nervous System.

MENTAL DISEASES.

Text-books.—Clouston. Spitska. Chapin.

Collateral Reading.—J. Bevan Lewis. Hyslop, Mental Physiology. Kraepelin, Psychiatrie. Tuke's Dictionary of Psychiatric Medicine.

DERMATOLOGY.

Text-books.—Hyde. Jackson.

Collateral Reading.—Duhring. Robinson. Van Harlingen. Taylor.

GENITO-URINARY.

Text-books.—White and Martin. Harrison. Morrow.

PREVENTIVE MEDICINE.

Text-books.—Wilson's Handbook of Hygiene. Abbott's Hygiene of Transmissible Diseases. Rohe's Text-book of Hygiene. Egbert's Hygiene of Sanitation.

Collateral Reading.—Buck's Hygiene and Public Health. Cope-
lin and Bevan's Practical Hygiene. Richardson's Preventive
Medicine.

LEGAL MEDICINE.

Text-books.—Taylor's Manual of Medical Jurisprudence.

Collateral Reading.—Witthaus and Becker. Reese's Medical
Jurisprudence. Hamilton's American System of Legal Medicine.
Tidy's Legal Medicine.

OPHTHALMOLOGY.

Text-books.—Fricke. Noyes.

Collateral Reading.—Schweinitz. Fuchs. Loring on the Ophthal-
moscope. Landolt on Refraction and Accommodation.

OTOLOGY AND RHINOLOGY.

Text-books.—Field. Politzer. Hovell, Diseases of the Ear and
Naso-Pharynx and Ear.

Collateral Reading.—Buck's Manual of Diseases of the Ear.
Schwartz, Handbuch der Ohrenheilkunde. Bosworth.

CLINICAL MICROSCOPY.

Text-books.—Simons' Manual of Clinical Diagnosis.

Collateral Reading.—Cabot's Clinical Examination of the Blood.
Von Jaksch's Clinical Diagnosis. Lenhartz' Mikroskopie u
Chemie am Krankenbett.

MEDICAL DICTIONARIES.

Lippincott's Medical Dictionary. Gould's Medical Dictionary.
Foster's Encyclopaedic Medical Dictionary. Dunglison's Medical
Dictionary.

EXAMINATIONS.

The final examination in every subject is held at the close of
the school year. Private examinations are not allowed except by
special vote of the college faculty. Examinations are regularly
held at the end of each term. Students are expected to take all
the examinations, and if they fail in any branch they will be noti-
fied by the Dean and required to present themselves for examina-
tion in that branch at the next examination, which will be held on

opening day of the next session, and which will be known as the "examination for conditional students."

At the end of each term of instruction a certificate of attendance will be issued on request, showing the results of examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 80 per cent of the lectures.

The reports of examinations will be mailed to the students at the college or at such other addresses as they may direct, after the examinations are completed, and they must not call on the examiners or the Dean for reports.

REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D. C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least eight months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

FEEs AND EXPENSES.

Students of this college will be uniformly charged as follows:

Matriculation fee, payable first year of attendance only	\$5.00
General ticket, payable each year of attendance (including all charges for lectures, clinics, examinations, diplomas, etc.)	75.00
Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of	50.00
Material in practical anatomy, per part	7.50

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is re-

paid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

Fees are paid invariably in advance.

The college reserves the right to change the fees at any time through publication in its annual announcement.

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

BOARD AND LODGING.

The expenses of living in Minneapolis is less than other large cities. During the past year most students have been able to reduce their board and room-rent to less than \$20.00 a month, and this sum may be looked upon as adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

LEO M. CRAFTS, M. D., DEAN,
606 Masonic Temple,
Minneapolis, Minn.

Students.

COURSE FOR GRADUATES.

CLARK, R. W., M. D.,	<i>Minneapolis</i>
LUCAS, HERMAN E., M. D.,	<i>Fairfax</i>
DECK, M. B., M. D.,	<i>Nebraska</i>

FOURTH YEAR.

BLOOM, WM. D.,	<i>St. Paul</i>
BROWN, EDWARD I.,	<i>St. Paul</i>
DENTON, LYMAN W., M. D., PH. D.,	<i>Minneapolis</i>
CHANCE, JANNER P.,	<i>Delano</i>
FONGER, JAMES H.,	<i>Gary, S. D.</i>
GREGOIRE, JOSEPH A.,	<i>Eau Claire, Wis.</i>
GILL, JOHN R.,	<i>Rochester</i>
HOUSTON, HUGH E.,	<i>Wood Lake</i>
HOVE, JOHN J.,	<i>Minneapolis</i>
KOHLER, GEORGE A., PH. G.,	<i>Minneapolis</i>
KRIEDT, DAVID G.,	<i>Minneapolis</i>
MCKEON, OWEN,	<i>Henderson</i>
MILLER, VICTOR I.,	<i>Kasson</i>
MINTENER, JOHN W.,	<i>Minneapolis</i>
OBERG, EMANUEL,	<i>Minneapolis</i>
O'CONNOR, JERRY P.,	<i>Marysburg</i>
PECK, ARTHUR E., D. D. S.,	<i>Minneapolis</i>
SCHEFCH, J. FRANCIS, PH. G.	<i>Glencoe</i>
SHERPING, ERIC, TH., B. A.,	<i>Enderlin, N. D.</i>
SKOGEN, THOMAS T.,	<i>Hoder</i>
SHELLAND, JOHN T.,	<i>Minneapolis</i>
VAN KIRK, FRANK J.,	<i>Minneapolis</i>

THIRD YEAR.

ALLEN, JOSEPH M., D. V. S.,	<i>Wheaton</i>
ATWOOD, CHARLES H. T., B. A.,	<i>Minneapolis</i>
BAKER, ALBERT C., B. A.,	<i>Devils Lake, N. D.</i>
BARTON, EDGAR R.,	<i>Minneapolis</i>
BIORN, NELS. A.,	<i>Zumbrota</i>
BURNS, FLOYD W.,	<i>St. Paul</i>
BURTON, PAUL H.,	<i>Minneapolis</i>
CARLSON, SWAN A.,	<i>St. Paul</i>
CARPENTER, GRANT S.,	<i>Minneapolis</i>
DEVEREUX, THOS.,	<i>Minneapolis</i>
DORAN, CHARLES W., B. A.,	<i>Brandon, Manitoba</i>
FOX, JOHN M.,	<i>Corcoran</i>
GOLBERG, MARTIN L., B. S.,	<i>Kenyon</i>
GRONVOLD, FREDERICK O.,	<i>Norway</i>
HARMON, HORACE E.,	<i>De Smet, S. D.</i>
KRON, LOUIS O.,	<i>Rothsay</i>
LUTHER, MRS. C. M.,	<i>Minneapolis</i>
MELBY, OSCAR F.,	<i>New Richland</i>
MOORE, GEORGE B.,	<i>Maple Lake</i>
MURPHY, GUY D.,	<i>Delano</i>
MUUS, PETER H., B. A.,	<i>Norway</i>
OFTEDAL, ARNE,	<i>Buxton, N. D.</i>
RICH, EDWARD A., PH. B.,	<i>St. Paul</i>
ROBERTS, ERMA J.,	<i>Minneapolis</i>
SCHULTZE, FREDERICK P.,	<i>Marengo, Iowa</i>
SPEAR, EDGAR D.,	<i>Minneapolis</i>
STURGEON, FRANK H.,	<i>Edgerly, N. D.</i>
SWENSON, AXEL W.,	<i>St. Paul</i>
THEISSEN, WILLIAM M.,	<i>Henderson</i>
TOFTE, ALBERT A.,	<i>Minneapolis</i>

SECOND YEAR.

ATWOOD, CHARLES H.,	<i>Minneapolis</i>
BROWN, JOHN E.,	<i>Minneapolis</i>
BRUSTAD, AXEL,	<i>Minneapolis</i>
BUCKLIN, ANNIE M.,	<i>Hendricks</i>
CONNELLY, VILROY M., D. V. S.,	<i>Minneapolis</i>
CRAMOND, JAMES E.,	<i>Langdon, N. D.</i>
DEERTZ, JOHN J.,	<i>Minneapolis</i>
HELK, HENRY H.,	<i>Minneapolis</i>

HIRSCHFIELD, MAX P.,	<i>Minneapolis</i>
HOLEN, THORVALD,	<i>Minneapolis</i>
HOVORKA, THOS. J., PHM. D.,	<i>Silver Lake</i>
HUMPHREY, EDW. W., D. V. W.,	<i>South Dakota</i>
JENNINGS, ROY S.,	<i>Nutwood Falls</i>
JOHNSON, OTTO F.,	<i>St. Paul</i>
KAHALA, ARTHUR A.,	<i>Minneapolis</i>
KING, NELSON M., D. M. D.,	<i>Minneapolis</i>
KLING, FRITZ L.,	<i>Minneapolis</i>
McCANN, GEORGE E.,	<i>Minneapolis</i>
McDOUGALD, D. W. S.,	<i>Minneapolis</i>
McEachern, WALTER A.,	<i>Sandstone</i>
MERTEN, JOHN J.,	<i>Alma City</i>
MITCHELL, RALPH S.,	<i>Washburn</i>
MONOHAN, JOHN A.,	<i>Minneapolis</i>
MORRILL, HARLAN J.,	<i>Wahpeton, N. D.</i>
MOULTON, RACHEL,	<i>Pleasant Valley, Wis.</i>
NICHOLSON, EDWARD,	<i>Rosemount, N. D.</i>
OGG, JOHN J.,	<i>Minneapolis</i>
POEHLER, FRED C.,	<i>Minneapolis</i>
POWERS, FLETCHER W.,	<i>St. Paul</i>
QUITMEYER, OTTO C.,	<i>Parhers Prairie</i>
SANDBORG, FREDERICK S.,	<i>Minneapolis</i>
SCHLUTZ, FREDERICK W., B. A.,	<i>Elkton</i>
SCHRYVER, JOSEPH H.,	<i>Minneapolis</i>
SOLSNESS, LARS P., B. A.,	<i>Minneapolis</i>
STRECH, IRWIN D.,	<i>Minneapolis</i>
SWAINEY, SVEN O.,	<i>Minneapolis</i>
TINGDALE, AUGUST C.,	<i>Minneapolis</i>
THOMPSON, ALBERT S.,	<i>Mt. Horet, Wis.</i>
WOODARD, ADELAIDE,	<i>St. Paul</i>

FIRST YEAR.

AUNE, MARTIN,	<i>Duluth</i>
BOCKMAN, MICHAEL,	<i>Minneapolis</i>
CARSON, EVAN,	<i>Upsala</i>
COFFIN, GEORGE H.,	<i>Delano</i>
COOPER, DENTON J.,	<i>Britton, S. D.</i>
DEHAVEN, STELLA,	<i>Minneapolis</i>
DORAN, GEORGE M.,	<i>Brandon, Manitoba</i>
EKERN, OLAF,	<i>Rothsay</i>
EKKREN, JOHN M.,	<i>Bangor, S. D.</i>
ELTUN, THROND J.,	<i>New Richland</i>

FEELEY, JOHN C.,
 FITZGIBBON, JAMES L.,
 FRIBERG, CARL P.,
 GAG, EDWARD W.,
 GARDNER, IRWIN A.,
 GOSSLEE, GILBERT L.,
 HEIMARK, JACOB H.,
 JONES, G. G.,
 KENNEDY, WILLIAM,
 KOSHABA, JOSEPH,
 LAMPE, HARALD,
 LARSON, CARL L.,
 LIMA, LUDWIG,
 LORD, BERTRAM E.,
 LUND, OSCAR F.,
 MELECH, HARRY N.,
 MONAHAN, ROBERT H.,
 MOYNIHAN, ANDREW F.,
 NELSON, EDWARD H.,
 OLMSTAD, JENS,
 OLSON, CHARLES E.,
 OWRE, OSCAR,
 PLEHN, JOHN F.,
 POIRIER, ALEX. J.,
 RANDALL, AUVIGNE,
 RAY, LYMAN W., M. A.,
 ROSELLE, ARNDT H.,
 SESSIONS, JOHN C.,
 SHERMAN, LEE A.,
 SWENSON, CHARLES,
 THOM, JAMES,
 TORLAND, ASBJORN,
 WALL, JAMES F.,
 WATSON, FREDERICK G.,
 WERNER, NELS L.,
 WESTLEY, MARTIN D.,
 WESTON, F. B.,
 WHITEMORE, ARTHUR A.,
 YOUNG, VICTOR A.,

Minneapolis
Minneapolis
Minneapolis
Cottonwood
Minneapolis
Tracy
Clarkfield
Minneapolis
Minneapolis
Minneapolis
St. Paul
Eau Claire, Wis.
Cooperstown, N. D.
Minneapolis
Minneapolis
Minneapolis
Minneapolis
River Falls, Wis.
Minneapolis
Deer Forest, Wis.
Minneapolis
Minneapolis
Minneapolis
Minneapolis
Kingston
Hastings
Minneapolis
Minneapolis
Minneapolis
Rush City
Grandin, N. D.
Minneapolis
Minneapolis
Wood Lake
Diamond Bluff, Wis.
Cooperstown, N. D.
Minneapolis
Drayton, N. D.
Minneapolis

SUMMARY.

In Course for Graduates.....	3
Fourth year	22
Third year	30
Second year.....	39
First year	49
Total	143

DEGREES.

On commencement day, Thursday, June 8, 1899, degrees were conferred as follows:

M. D., C. M.

BURLINGAME, ROBERT M.,	<i>Minneapolis</i>
DONAHUE, DAVID J.,	<i>Richmond, Wis</i>
HYNES, JAMES,	<i>Minneapolis</i>
JAMES, ROBERT J.,	<i>Minneapolis</i>
JONES, JAMES D.,	<i>Ipswich, S. D.</i>
LOBERG, ADOLPH E.,	<i>Minneapolis</i>
KIRKHOFF, EDWARD H.,	<i>Melrose</i>
MASON, CHARLES H.,	<i>Eau Claire, Wis.</i>
MILLER, FRED C.,	<i>Minneapolis</i>
OVERG, CARL M.,	<i>Minneapolis</i>
ROBERTS, FLOYD J.,	<i>Devils Lake, N. D.</i>
ROGERS, GEORGE M. F.,	<i>Minneapolis</i>
SASSE, ERNEST G.,	<i>Vienna, S. D.</i>
SCANLON, DANIEL L.,	<i>Sanborn, N. D.</i>
WILLIS, ELLEN F. A.,	<i>Minneapolis</i>

Alumni.

ATHERTON, C. O.....	1891
BAIER, FLORENCE C.....	1897
BAKKE, OLE.....	1896
BLISS, GEORGE WILLIS.....	1895
BERGQUIST, CARL E.....	1897
BEVAN, CHARLES J.....	1897
BJORNEBY, PETER C.....	1897
BLOMBURGH, AXEL F.....	1897
BLAKESLEE, FRANK.....	1897
BONG, JOHN H.....	1897
BEMIS, CATHERINE A.....	1886
BURLINGAME, R. M.	1899
CARTER, JOSEPH A., B. A.....	1898
CHURCH, RICHARD J.....	1895
CLARK, EDWARD J.....	1898
CLAU, EDWARD M.....	1893
CONYNGHAME, E. F.....	1886
CRESWELL, WILLIS W.....	1897
DAILY, MILTON.....	1895
DAVID, OSCAR F.....	1893
DEALEY, JULIA.....	1897
DOBSON, WILLIAM C.....	1896
DINAHAN, RICHARD M.....	1897
DORAN, JOHN E.....	1898
DONAHUE, D. J.....	1899
DUMAS, CALIXTE H. D.....	1896
DOUGLAS, ELMER E.....	1894
DYRNES, JOHN O.....	1897
EGAN, MICHAEL.....	1891
ESSEN, CARL A. C.....	1895
FARNESSE, C. W.....	1888
FARR, JOHN M.....	1897
FLATTEN, AMOS.....	1890
FLEMING, ALOYSIOUS S.....	1897
FOWLER, FRED H.....	1897
GENDRON, JULES.....	1896
GLIM, NELS N.....	1898

GORDON, DAVID.....	1897
GYLLENBURG, JENNIE.....	1890
HEFFLIN, H. NELSON.....	1895
HALVORSON, K. K.....	1889
HELGERSON, SIGRID.....	1894
HETLAND, C. L.....	1893
HOVORKA, WENCESLAUS.....	1897
HUBBARD, EDWARD E.....	1894
HYNES, JAMES.....	1899
JACKSON, CAROLYNE E.....	1897
JAMES, ROBERT J.....	1899
JAMESON, ADELINE P.....	1895
JERMAN, WILLIAM L.....	1897
JONES, JAMES D.....	1899
JOHNSON, LEWIS O.....	1898
KIRKHOFF, EDWARD H.....	1899
KILBRIDE, THOMAS F.....	1894
KJELLAND, JACOB S.....	1898
KJELLAND, THORSTEN N.....	1898
KNOTZ, JOHN.....	1897
KOHLER, FRED G.....	1897
KOPPLEBERGER, HARRY W.....	1897
KRESEL, W. A.....	1897
LEWIS, ARTHUR J.....	1895
LIND, CARL J.....	1897
LOBERG, ADOLPH.....	1899
LOCKWOOD, LEBARON S. O.....	1894
LOWTHIAN, GEORGE H.....	1894
LYONS, ADAM.....	1898
MAI, CHOW, CHARLES W.....	1894
MASON, CHARLES H.....	1899
MCCOHN, HANNAH.....	1890
MCKEON, PHILIP.....	1895
MCKEON, JAMES.....	1890
MILLER, ROCH P.....	1898
MILLER, FRED C.....	1899
MILLER, HUGO.....	1896
MOORE, FRANCIS A.....	1893
MONOHAN, P. H.....	1886
MURPHY, WILLIAM B.....	1897
MURRAY, WILLIAM B.....	1890
OBERG, OSCAR.....	1898
OBERG, CARL M.....	

O'BRIEN, H. JEFFERSON.....	1895
OLSON, JENNIE, D. M. D.....	1890
OWRE, ALFRED.....	1895
ROYCE, ROLAND.....	1885
RAINVILLE, SAMUEL.....	1897
RALEIGH, ROSWELL B.....	1894
REEVE, EDWARD A. T.....	1897
REMICK, LOUIS B.....	1895
RIDGWAY, ALEXANDER.....	1894
RIDGWAY, JOSEPH.....	1894
REINHARDT, WALLACE A.....	1896
ROSENTHAL, SIGMOND.....	1896
RYAN, JENNIE.....	1893
ROBERTS, FLOYD J.....	1899
ROGERS, GEORGE M. F.....	1899
SASSE, ERNEST G.....	1899
SCANLON, DANIEL L.....	1899
SCANLON, WILLIAM.....	1896
SCHLEGEL, HENRY E.....	1897
SCOTT, ERNEST H.....	1888
SIMPSON, J. K.....	1884
SOUR, STEPHEN D.....	1896
SCHULEAN, NELLIE.....	1893
TANNER, FRANCIS G.....	1895
TAYLOR, HENRY H., D. M. D.....	1895
TESSIER, W. O.....	1887
TREAT, VEEDER G.....	1894
TUKE, HENRY C.....	1896
VANDAMME, WILLIAM.....	1885
VELINE, OLAF J.....	1897
WARHAM, T. T.....	1897
WARNE, EDWIN G., D. D. S.....	1897
WATSON, CHARLES W.....	1897
WENDT, SAMUEL M.....	1897
WHETSTONE, RAY S.....	1897
WHITING, ARTHUR D., D. M. D.....	1895
WIG, IVER C. J.....	1896
WILCOX, T. E.....	1897
WILLIS, ELLEN E. A.....	1899
WILLIAMS, THEODORE F.....	1890
WILLIAMSON, LUTIE L. S.....	1897
WITHROW, MORRILL E.....	1897
YOUNG, EUGENE W.....	1896

Alumni Association of the Medical Department.

(Minneapolis College of Physicians and Surgeons.)

ORGANIZED APRIL 11, 1894.

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

Summary of Students.

College of Liberal Arts.

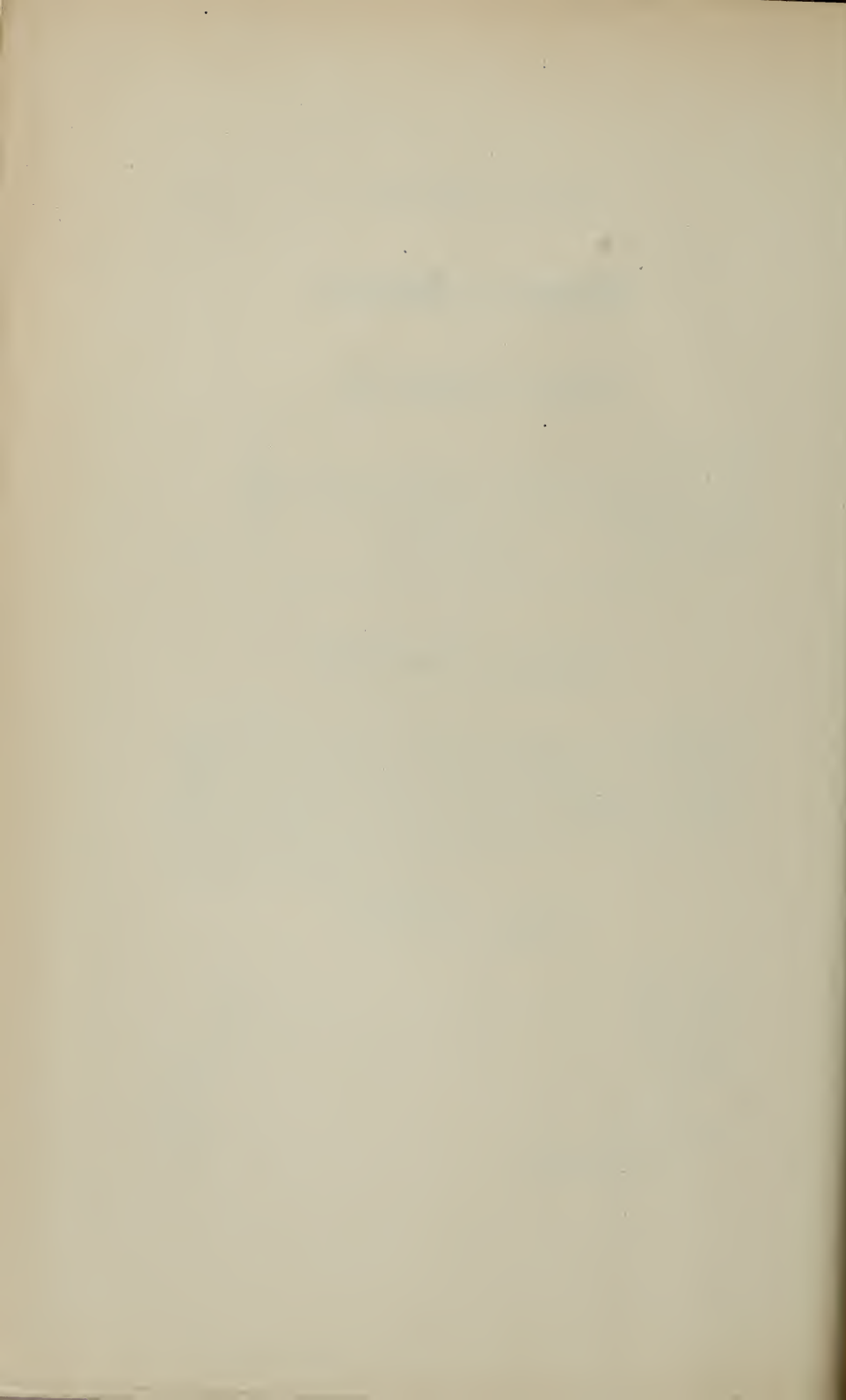
Post Graduate	15	
Senior Class	34	
Junior Class	27	
Sophomore Class	28	
Freshman Class	52	
College Specials	62	218

Preparatory Department.

Third Year	27	
Second Year	36	
First Year	50	113
Department of Elocution		23
Department of Music		19

College of Medicine.

Post-Graduate	3	
Fourth Year	22	
Third Year	30	
Second Year	39	
First Year	49	143
Total		516
Counted Twice		30
Total Enrollment		546



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Catalogue

OF

Hamline University.

College of Liberal Arts,
Hamline, Minn.

College of Medicine,
Minneapolis, Minn.

1900-1901.

Calendar.

- 1901—September 17, *Tuesday*, Fall Term begins.
September 17, *Tuesday*, Entrance Examinations.
December 19-20, *Thursday-Friday*, Term Examinations.

VACATION OF TWO WEEKS.

- 1902—January 7, *Tuesday*, Winter Term begins.
March 18-19, *Tuesday-Wednesday*, Term Examinations.
March 19, *Wednesday*, Winter Term ends.
March 26, *Wednesday*, Spring Term begins.
May 19-20, *Monday-Tuesday*, Senior Examinations.
June 1, *Sunday*, 10:30 A. M., Baccalaureate Sermon.
June 2-3, *Monday-Tuesday*, Term Examinations.
June 3, *Tuesday*, 3 P. M., Address before the Historical Society.
June 3, *Tuesday*, 8 P. M., Class Day Exercises.
June 4, *Wednesday*, Alumni Day.
June 4, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.
June 5, *Thursday*, 2 P. M., Annual Commencement.

Corporation.

Trustees.

TERM EXPIRES 1901.

REV. J. F. CHAFFEE, D. D.,	MINNEAPOLIS.
F. A. CHAMBERLAIN, Esq.,	MINNEAPOLIS.
REV. G. H. BRIDGMAN, D. D.,	HAMLIN.
HON. W. H. EUSTIS,	MINNEAPOLIS.
WATSON S. MOORE Esq.,	DULUTH.

TERM EXPIRES 1902.

BISHOP ISAAC W. JOYCE, D. D.,	MINNEAPOLIS.
HON. M. G. NORTON,	WINONA.
REV. W. MCKINLEY, D. D.,	WINONA.
REV. GEO. S. PARKER, A. M.,	ST. PAUL.
HON. W. A. SPERRY,	OWATONNA.

TERM EXPIRES 1903.

HON. H. R. BRILL, LL. D.,	ST. PAUL.
HON. J. T. WYMAN,	MINNEAPOLIS.
S. S. THORPE, Esq.,	MINNEAPOLIS.
PROF. E. F. MEARKLE, LL. B.,	HAMLIN.
COL. PERRY HARRISON,	MINNEAPOLIS.
HON. JAMES QUIRK,	MINNEAPOLIS.

TERM EXPIRES 1904.

REV. CYRUS BROOKS, D. D.,	ST. PAUL.
WILLIAM MOSES, Esq.,	ALEXANDRIA.
B. F. NELSON, Esq.,	MINNEAPOLIS.
REV. ROBERT FORBES, D. D.,	DULUTH.
M. W. SAVAGE, Esq.,	MINNEAPOLIS.

Conference Visitors.

MINNESOTA CONFERENCE.

[Who are also ex-officio Trustees.]

- REV. F. B. COWGILL, D. D.
REV. W. M. GILLIS, A. M.
REV. S. F. KERFOOT, A. M.
REV. L. A. WILLSEY, A. M.
REV. T. A. JONES, A. M.
REV. J. F. STOUT, D. D.
REV. G. H. WAY, A. M.

NORTHERN MINNESOTA CONFERENCE.

- REV. J. G. CROZIER, A. M.
REV. C. W. COLLINGE, A. M.
REV. L. S. KOCH, A. M.
REV. WILLIAM PICKARD, A. M.
REV. H. W. KNOWLES, A. M.
REV. S. S. FARLEY, A. M.

Officers of the Board.

[Who are Executive Committee ex-officio.]

- REV. J. F. CHAFFEE, D. D., *President*.
HON. M. G. NORTON, *First Vice-President*.
HON. J. T. WYMAN, *Second Vice-President*.
REV. F. B. COWGILL, *Secretary*.
PROF. E. F. MEARKLE, LL. B., *Treasurer*.



College of Liberal Arts.



Faculty.

REV. GEORGE H. BRIDGMAN, D. D., LL. D., PRESIDENT,
Professor of Ethics and Christian Evidences.

LOREN H. BATCHELDER, A. M., DEAN,
Carrie E. Widstrand Professor of Chemistry and Physics.

REV. GEORGE S. INNIS, PH. D.,
Professor of History.

ERASTUS F. MEARKLE, LL. B.,
Rebecca M. Harrison Professor of Political Economy.

HENRY L. OSBORN, PH. D.,
Professor of Biology and Geology.

WILLIAM E. THOMPSON, A. M.,
Professor of the Latin Language and Literature.

ARTHUR Z. DREW, A. M.,
Professor of Mathematics.

R. WATSON COOPER, A. B.,
Professor of English Literature.

SAMUEL JAMES PEASE, A. M.,
Professor of Greek and Modern Languages.

ALTA M. BARKER, PH. B.,
Preceptress.

ELEANOR MILLER,
Elocution; Physical Director.

MRS. HENRY L. OSBORN,
Piano.

WILLIAM H. CLARK,
Vocal Music.

JOHN A. VANDYKE, A. M.,
Lecturer on Pedagogics.

JESSE J. MANTHEY,
Instructor in German

THEODORE L. WANNER,
Assistant in Chemical Laboratory.

HERBERT P. IDE,
Assistant in Latin.

LOUIS C. WINSHIP,
Demonstrator in Zoology.

C. C. TYRRELL,
Assistant in Museum.

ANNA M. DAVIS, A. M.,
Librarian.

ARTHUR Z. DREW, A. M.,
Registrar.

Collegiate Department.

STUDENTS.

Post Graduate.

BRIDGMAN, WILLIAM A.,	Political Science,	<i>Hamline</i>
CAHOON, GUYBERT A.,	History,	<i>Goodhue</i>
COLEMAN, FRED,	History,	<i>Cottonwood</i>
DAVIS, ANNA M.,	History,	<i>Hamline</i>
DOOR, ELLA S.,	History,	<i>Hamline</i>
DYER, WILLIAM P.,	History,	<i>Slayton</i>
EDMUNDS, W. MORLEY,	History,	<i>Hamline</i>
FAUS, RUTH I.,	History,	<i>Montevideo</i>
FOSS, HARRIETTE H.,	History,	<i>Alexandria</i>
KEMERER, S. W.,	History,	<i>Boston, Mass.</i>
NELSON, ADOLPHUS P.,	Political Science,	<i>Grantsburg, Wis.</i>

Senior Class.

BARR, JOSIAH H.,	<i>Dwight, Ill.</i>
BENHAM, RICH S.,	<i>Minneapolis</i>
BUTLER, BERTRAM,	<i>St. Paul</i>
COLLETT, CHAS. F.,	<i>Hamline</i>
COLYER, MOLLIE B.,	<i>Morris</i>
CUMMINGS, EMOGENE B.,	<i>White Bear</i>
DAVIS, MAMIE F.,	<i>Glencoe</i>
DRILL, FRANKLIN,	<i>Browerville</i>
FRANKLIN, MAE,	<i>Devil's Lake, N. D.</i>
FRYCKBERG, J. W.,	<i>Hamline</i>
GILLIS, MAY G.,	<i>Pine Island</i>
GILLIS, WINNIFRED M.,	<i>Pine Island</i>
HALL, BENJAMIN F.,	<i>Wood Lake</i>
HALL, NELLIE G.,	<i>Plainview</i>

INWOOD, ARTHUR I.,	<i>McCutchanville, Ind.</i>
JOHNSON, EVA C.,	<i>Claybank</i>
LASSELL, GRACE,	<i>Chester, Ia.</i>
LETCHER, JOHN,	<i>Lelant, Cornwall, England</i>
MORRILL, ROBERT A.,	<i>Byron</i>
NOLTIMIER, HARRY B.,	<i>Newport</i>
ORR, CHARLES N.,	<i>Princeton</i>
PACKARD, FRANK E.,	<i>Crookston</i>
QUICK, KITTIE N.,	<i>Lavina, Ont.</i>
RICE, WM. ALBERT,	<i>Lake City</i>
RUENITZ, ED. J.,	<i>Springfield</i>
RICH, LUCY D.,	<i>Hamline</i>
SCOTT, J. WESLEY,	<i>Drayton, N. D.</i>
SHAW, GEORGE,	<i>Hamline</i>
WANNER, ANNA M.,	<i>Pingree, N. D.</i>
WANNER, THEODORE L.,	<i>Pingree, N. D.</i>
WEBB, LOUELLA O.,	<i>Hamline</i>
WILLMARTH, J. SCOTT,	<i>Kedron</i>

Junior Class.

ALLIN, FRED W.,	<i>Hamline</i>
ATKINS, EUNICE M.,	<i>Elk River</i>
BABCOCK, WM. G.,	<i>Racine</i>
BENSON, LOIS,	<i>Heron Lake</i>
GATES, BESSIE M.,	<i>Red Wing</i>
GEER, JAMES A.,	<i>Galt, Ont.</i>
GILLETTE, ALMA E.,	<i>Hamline</i>
GOLD, EDITH M.,	<i>Big Stone City, S. D.</i>
HILL, JENNIE E.,	<i>Hamline</i>
JARVIS, CHARLEY W.,	<i>Blue Earth City</i>
JENNINGS, PEARL,	<i>Hamline</i>
JOHNSON, ROBERT C.,	<i>Hamline</i>
KINNEY, GEO. V.,	<i>Wells</i>
LIBBEY, GERTRUDE,	<i>Red Wing</i>
LIBBEY, S. WILLIAM,	<i>Red Wing</i>
MANTHEY, JESSE J.,	<i>Winona</i>
MARTIN, J., ROYAL,	<i>Hamline</i>
STARK, MARY B.,	<i>Harris</i>
WALLACE, CHAS. H.,	<i>Drayton, N. D.</i>
WINSHIP, LOUIS C.,	<i>Hamline</i>

Sophomore Class.

BEVANS, JULIA A.,	<i>Hamline</i>
BRADY, STELLA M.,	<i>Dodge Center</i>
BROBECK, DIANA H.,	<i>Kenyon</i>
COLEMAN, HELEN,	<i>Dodge Center</i>
CRAWFORD, WALTER M.,	<i>Luverne</i>
FOSTER, RALPH,	<i>Winona</i>
HANSON, AMANDA,	<i>Anoka</i>
INNIS, ETHELWYN,	<i>Hamline</i>
KERR, CATHERINE S.,	<i>Hamline</i>
KETCHAM, FLORENCE L.,	<i>Warren</i>
LOWE, JOHN,	<i>Hamline</i>
MCCOMBS, VERNON M.,	<i>Hewitt</i>
MCCREA, C. H.,	<i>Hamline</i>
MALETTE, EDNA G.,	<i>Casselton, N. D.</i>
MARLATTE, ED.	<i>Waterford, Ont.</i>
PARSONS, ERNEST D.,	<i>St. Paul</i>
PROSSER, MYRTLE,	<i>Hamline</i>
PROSSER, ROSE,	<i>Hamline</i>
ROTHAUSEN, WILLIAM,	<i>St. Paul</i>
RYAN, FRED S.,	<i>Penryn, Cal.</i>
STERLING, ALICE,	<i>Red Wing</i>
SWINNERTON, T. N.,	<i>Hamline</i>
TERRY, SELINA M.,	<i>Slayton</i>
WELLS, FLORENCE,	<i>Hamline</i>
WYLIE, LULU E.,	<i>Drayton</i>
ZIMMERMAN, ANNIE,	<i>Spring Valley</i>

Freshman Class.

ALLIN, ERNEST A.,	<i>Buffalo</i>
BEARDSLEY, GRANT S.,	<i>Faribault</i>
BILLING, BEATRICE M.,	<i>Hector</i>
BRADFORD, ETHEL E.,	<i>Monticello</i>
BRADY, JOSEPH A.,	<i>Dodge Center</i>
BRIDGMAN, DONALD E.,	<i>Hamline</i>
CHAMBERLIN, GRACE E.,	<i>Dodge Center</i>
CLARE, ED.,	<i>Hamline</i>
CLEMENT, A. MAUDE,	<i>Grafton, N. D.</i>
CRAWFORD, ROBERT A.,	<i>Luverne</i>
DRESBACH, J. ROY,	<i>Dodge Center</i>
DRILL, JOHN,	<i>Browerville</i>

Hamline University.

I I

DUFF, DARDANIA,	<i>Hamline</i>
EGINTON, CHAS.,	<i>Hayfield</i>
FOSTER, MABEL,	<i>Winona</i>
FOSTER, THOMAS,	<i>Hector</i>
GILLIS, WILLIAM H.,	<i>Pine Island</i>
GOULD, RAYMOND,	<i>Excelsior</i>
HACKNEY, FRANCES G.,	<i>Hamline</i>
HOLMAN, IRVING,	<i>Troy Mills, Ia.</i>
IDE, A. LEWIS,	<i>Forest Lake</i>
INWOOD, ANNA M.,	<i>McCutchanville, Ind.</i>
KOCH, CLINTON H. S.,	<i>Champlin</i>
LARSEN, IDA H.,	<i>Clark's Grove</i>
LEE, RAYMOND A.,	<i>Long Prairie</i>
MCGANDY, GRACE L.,	<i>Marshall</i>
MILLIE, MARGARET,	<i>Hancock</i>
MOSS, JOSEPH L.,	<i>Chicago, Ill.</i>
NELSON, FRED C.,	<i>Plainview</i>
OLESON, OLAF,	<i>Pequot</i>
PIPER, WILLIAM H.,	<i>Wabasha</i>
RANDOLPH, HARRY B.,	<i>Hamline</i>
RICE, BERYL,	<i>Hamline</i>
ROBSON, EUNICE B.,	<i>Red Wing</i>
ROBY, ROY N.,	<i>Verdon, S. D.</i>
RULE, LULU,	<i>St. Anthony Park</i>
RUNYAN, LULU,	<i>Fairmont</i>
SHEPHERD, SUSIE S.,	<i>Hamline</i>
SMITH, BEATRICE,	<i>Brown's Valley</i>
STOCKDILL, M. CARLOTTA	<i>Hamline</i>
SWENDIMAN, JOHN,	<i>Dodge Center</i>
THORNE, SAMUEL,	<i>Appleton</i>
TIBBETTS, ROI B.,	<i>Winona</i>
TRAPP, HERBERT A.,	<i>Dodge Center</i>
WARE, THOMAS A.,	<i>Troy Mills, Ia.</i>
WHEELER, GEORGE E.,	<i>Hamline</i>
WHITNEY, ALBERT E.,	<i>Warren</i>
WHITNEY, HARRY R.,	<i>Dodge Center</i>
WINSTON, MATTIE D.,	<i>Hamline</i>
WOOD, IRVEN B.,	<i>Hamline</i>
WRIGHT, ELSIE L.,	<i>Croton, O.</i>
WRIGHT, HELEN E.,	<i>Hamline</i>

College Specials.

ALBERTSON, CHAS. N.,	<i>Volga, S. D.</i>
ALLEN, ALONZO B.,	<i>Spring Valley</i>
ANDREWS, ARTHUR P.,	<i>Bloomer, Wis.</i>
BELL, MAUDE,	<i>New Richmond</i>
BURNS, LEO,	<i>Wells</i>
CAMPBELL, GUY W.,	<i>Hamline</i>
CLARK, HALLIE E.,	<i>Austin</i>
CLOW, VICTOR G.,	<i>Humboldt</i>
COCHRAN, EDW. L.,	<i>Drayton, N. D.</i>
COWARD, ELEANOR,	<i>Port Arthur, Ontario</i>
DAVIDSON, ELIZABETH,	<i>New Rockford, N. D.</i>
DAVIS, AVERY J.,	<i>Menomonie, Wis.</i>
DAVIS, NELLIE G.,	<i>Glencoe</i>
DREDGE, GEORGE,	<i>Lake Crystal</i>
DUNN, A. P.,	<i>Winnebago City</i>
DURNAL, MYRTLE L.,	<i>Hamline</i>
ELLISON, CHAS. E.,	<i>St. Paul</i>
FENTON, GRACE,	<i>Oakes, N. D.</i>
GUSE, HERMAN,	<i>Hamline</i>
HAINES, LYNN,	<i>Halloway</i>
HEAL, PEARL,	<i>Hamline</i>
HEIMBACH, MATTIE,	<i>Egan, S. D.</i>
HOERGER, BENJAMIN G.,	<i>Faribault</i>
HUSER, EDNA I.,	<i>Cumberland, Wis.</i>
IDE, HERBERT P.,	<i>Forest Lake</i>
JOHNSON, HERMAN,	<i>Madison</i>
JOHNSON, LOU	<i>Hamline</i>
JONES, GEO. P.,	<i>Luverne</i>
JULIEN, ALBERT E.,	<i>Braham</i>
KAHL, JOSEPH A.,	<i>Radcliffe, Ia.</i>
KERN WILLARD,	<i>Burford, Ont.</i>
KINGSTON, LINA,	<i>Eveleth</i>
KINGSTON, MERTON S.,	<i>Eveleth</i>
KYES, HARRY L.,	<i>Hamline</i>
LUND, AXEL B.,	<i>Dawson</i>
MCCORMICK, JOHN D.,	<i>Owatonna</i>
McKAIG, HUGH C.,	<i>Hamline</i>
McKENZIE, DONALD,	<i>Hamline</i>
McMURRAY, H. G.,	<i>Park Brace, N. D.</i>
MASSEE, CHAS.,	<i>Hamline</i>
MILLER, CHAS. H.,	<i>Red Wing</i>

MILLER, ROY C.,	<i>Hamline</i>
MITCHELL, HOWARD W.,	<i>Washburn</i>
NOLTIMIER, SARAH,	<i>Newport</i>
OLSON, ELIZABETH,	<i>Afton</i>
OLSON, MARY E.,	<i>Afton</i>
PEMBERTON, JOHN L.,	<i>Stillwater</i>
PINKHAM, KATHERINE,	<i>Hillsboro, N. D.</i>
PUFFER, FLORENCE E.,	<i>Bird Island</i>
RANDOLPH, MARION G.,	<i>Hamline</i>
REID, ROY W.,	<i>Kasson</i>
SECOR, JOHN H.,	<i>St. Paul</i>
SHAW, MARY	<i>Hamline</i>
SMITH, ESTHER,	<i>Austin</i>
SPERRY, CLARA L.,	<i>Owatonna</i>
THOMPSON, FRANK,	<i>Dodge Center</i>
TISDALE, FRED	<i>Minneapolis</i>
TUCKER, JAMES H.,	<i>Hastings</i>
TYRRELL, CASSIM C.,	<i>Belkwood, Neb.</i>
WALLACE, GEORGE W.,	<i>Duluth</i>
WASHBURN, REUBEN J.,	<i>Minneapolis</i>
WORMAN, OSCAR E.,	<i>Marshall</i>
ZIMMERMAN, S. A.,	<i>Elizabeth</i>

Course of Study.

Three courses of study are open to the members of the College of Liberal Arts.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

III. SPECIAL COURSES. Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must also furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Students engaged in this course for two years will be entitled to a certificate setting forth the branches they have studied and the degree of proficiency they have attained in them.

Requirement for Admission to the Freshman Class.

Classical Course.

LATIN :	Cæsar, Gallic War, four books.
	Virgil, Æneid, six books.
	Cicero, five orations.
	Latin Grammar, Allen and Greenough's or an equivalent.
	Latin Prose Composition.
GREEK :	Xenophon, Anabasis, four books.
	Homer, Iliad, 1,600 lines.
	Greek Grammar, White's First Greek Book.
	Composition based on Anabasis first two books. Prosody, Sight Reading.
MATHEMATICS :	Plane and Solid Geometry.
	Algebra, through Quadratic Equations.
ARITHMETIC :	Including the Metric System.
ENGLISH :	English Grammar and Analysis.
	Elementary Rhetoric and Composition.
HISTORY :	History of the United States.
	General History.

Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

Examination for Admission.

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

Record and Examination.

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

Advance Standing.

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

Registration—Deficient Work.

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

Senior Theses.

Each Senior before graduation is required to present an approved thesis of at least 3,000 words. The subject and matured scheme of said thesis shall be presented to the Standing Committee on Theses Thanksgiving week, and the completed thesis shall be presented by the opening of the spring term.

Degrees.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

Master's Degree.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and, before the degree is conferred an additional fee of \$5.00 will be charged.

Course of Study by Departments.

Latin.

COURSE A.—**Livy**, Books I and XXI, four times a week for the fall and winter terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—**Horace**, four times a week for the spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rhythmical reading of the odes. Required of all Freshmen.

COURSE C.—I. **Terence**, five times a fortnight for the fall term; to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. **Cicero**, five times a fortnight during the winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. **Horace**, five times a fortnight during the spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—In the fall, winter and spring terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation. Open to those who have taken courses A, B and C.

COURSE E.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B and C.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

Greek.

COURSE A.—I. Homer's *Odyssey* with metrical reading.

II. Lysias, *Select Orations*.

III. Xenophon, *Memorabilia*.

In the winter and spring terms Composition based on part of the work will be given, with a view to imparting familiarity with the idioms and style of Attic Prose. Topics and discussions throughout the year. Daily. Required of Classical Freshmen.

COURSE B.—Plato, *Apology*; Sophocles, *Antigone*; Demosthenes, *De Corona*, or *New Testament*. Elective for Sophomores. Three hours a week.

COURSE C.—An elective two hours a week is provided for Juniors or Seniors.

Throughout the course special emphasis is laid on sight-reading, and studies in word composition and derivation. Constant reference is made to ancient Greek geography, history, philosophy, mythology, art, manners and customs.

German.

COURSE A.—**Beginning German.** Joynes-Meissner's Grammar and Hewett's Reader are studied entire. Special attention is given to conversation based on the selections read, to pronunciation and reading, and to memorizing of short poems. Daily. Elective for Sophomores.

COURSE B.—**Advanced German.** The works used in this course vary from year to year. In 1900-1 this course includes Schiller's Wilhelm Tell, Goethe's Herman und Dorothea, Schiller's Thirty Years' War and Lessing's Minna von Barnhelm, with review of Grammar and daily composition. Elective for Juniors.

French.

COURSE A.—**Beginning French.** I. Fall term. Grammar, Beziat de Bordes. Regular inflection and syntax.

II. Winter term. Super's Reader; Mérimée's Colomba, with irregular verbs and idioms.

III. Spring term. Halévy's L'Abbé Constantin. Composition on La Dernière Classe. A facility in reading and understanding spoken French is sought. Daily. Elective for Sophomores.

COURSE B.—**Advanced French.** A half course through three terms. Elective for Juniors.

Rhetoric and Theme Writing.

COURSE A.—Freshmen Rhetoric. Study of the principles of English prose style. The work is based upon Wendell's English Composition, and Brewster's Studies in Structure and Style. Select essays of Macaulay, DeQuincey and Carlyle are studied incidentally to illustrate the principles enunciated. Twice a week throughout the year. Required of all Latin Scientific Freshmen. Elective for Classical Sophomores.

COURSE B.—Freshmen Theme Writing. All Freshmen meet once a week for instruction in the writing of themes and the criticism of themes written. Frequent daily paragraphs and weekly themes are required.

COURSE C.—The English Essay, its History, Form and Style. Representative essays of the chief writers of periodical literature from Addison to the present time are studied. In the spring term, the modern American review and newspaper are given special attention. Frequent practical exercises. Once a week throughout the year.

COURSE D.—Debate. A course in the study and practice of Argumentation. Several noted arguments are analyzed by the class, briefs are studied and made, and extempore debates are given by appointed disputants. Carefully written arguments are also required. Once a week throughout the year.

COURSE E.—Narration and Description. A course in the study and practice of the principles of narrative and descriptive writing. For illustration of the principles, the class will read the short stories of Hawthorne, Irving and Poe, and will analyze several of the most famous novels of the nineteenth century. Once a week throughout the year.

COURSE F.—Orations and Speeches. The work in this course includes the study of the theory of oratory, the analysis of selected American orations and the making of orations and speeches. Special attention is given to the style of the orations of Webster and of the speeches of Lincoln. Once a week throughout the year.

COURSES C and D are omitted in 1901-1902. All Juniors and Sophomores are required to take either E or F.

English Literature.

COURSE A.—Outline History and Rapid Reading Course. Pancoast's Introduction serves as a guide. The readings include selected whole works of the chief writers of English literature from Chaucer to the present time. The object is to give a general view of the whole field, a knowledge of literary types, and an introduction to the best that has been done in English. Four times a week throughout the year. Elective for Sophomores.

COURSE B.—English Literature, 1750-1830. Revival and growth of English Romanticism. Special attention is given to Wordsworth, Coleridge, Keats, Byron, Shelley and Scott. Four times a week throughout the year. Open to Juniors and Seniors who have taken Course A. (This course will be omitted 1901-1902.)

COURSE C.—Shakespeare. A critical analysis of his poetic and dramatic art as represented in the sonnets and in twelve of his greatest dramas, with collateral readings in other Elizabethan dramatists. Four times a week. Open to Juniors and Seniors who have taken Course A.

COURSE D.—Victorian Literature. A critical study of individual writers, Carlyle, Tennyson, Browning, with collateral readings in Arnold, Clough, Ruskin. The readings in this course are done outside the class room by general and special assignment. The class room work consists of reports, discussions and lectures. Twice a week throughout the year. Open to Seniors who have had Course A and either Course B or Course C.

COURSE E.—Literary Criticism. The study and the practical application of the principles of literary criticism. Winchester's Principles of Literary Criticism is used as a text book. This course is designed for teachers of English literature. Once a week. Open to all who are taking Course B or D. (This course will be omitted 1901-1902.)

Mental and Moral Philosophy.

COURSE A.—**Psychology**, four times a week through fall term.

This is a general elementary course of study of the outlines of the science, it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—**Moral Science**, four times a week during Winter term. Optional for Seniors.

COURSE C.—**Natural Theology**, twice a week through Spring term. Optional for Seniors.

COURSE D.—**Evidence of Christianity**, three times a week through Spring term. Optional for Seniors.

COURSE E.—**Logic**, three times a week through Spring term. Optional for Juniors and Seniors.

English Bible.

Bible Study. Once a week throughout the course each college class devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

Historical and Political Science.

I. History.

COURSE A.—Modern History. A half-study throughout the year. elective for the Sophomores. Fisher's Modern History is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

COURSE B.—Science of Government. A half-study, required during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in Bryce's American Commonwealth. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—History of Civilization. A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

II. POLITICAL ECONOMY.

COURSE A.—Introduction to the Study of Political Economy. Three times a week, optional with the Juniors for the Spring term. Walker's Political Economy, Advanced Course, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—Advanced Course. A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work in charge of the professor, and of theses read before the Senior class.

Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Vandyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

American Constitution and Common Law.

This course is an elective, twice a week, through the Senior year. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

Mathematics and Astromy.

COURSE A.—I. **Plane and Spherical Trigonometry.** Five times a week. Fall term.

II. **University Algebra.** Functions, Theory of Limits, Derivatives, Development of Functions in Series, Convergency and Summation of Series, Computation of Logarithms, Chance, Choice, Graphic Solution of Equations and Systems.

Five times a week, winter and spring terms.

This course required of all Freshmen.

COURSE B.—**Analytical Geometry.** Five times a fortnight during the entire year. This course is elective for all who have had Course A, and is offered only on alternate years; it will be open in 1902-3.

COURSE C.—**Calculus.** Five times a fortnight during the entire year. This course is elective for all who have had Courses A and B and is offered only on alternate years; it will be open in 1901-2.

COURSE D.—**Astronomy.** Three times a week, Spring term. An outline course in Descriptive Astronomy. Elective for Juniors.

Physics.

COURSE A.—**Elementary Mechanics.** This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores.

COURSE B.—**Physics.** Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases, sound, heat, electricity and magnetism, and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores.

COURSE C.—**Physics.** A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for Seniors.

Chemistry.

COURSE A.—General Chemistry. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Juniors.

COURSE B.—Basic and Acid Qualitative Analysis. I. This course extends through the third term of Junior year, three afternoons each week. It consists largely of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. Especial attention is next given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of chemical equation. Elective for Juniors.

COURSE C.—Quantitative Analysis. This course extends through the Senior year. The student is first taught the use of the balance, and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for Seniors.

COURSE D.—Organic Chemistry. A short course in organic chemistry on the basis of Remsen's "Chemistry of the Carbon Compounds." Laboratory work, lecture and recitations. Two terms of Senior year, two afternoons a week.

Biology.

COURSE A.—Elementary Invertebrate Zoology. Three times a week, for three terms, as follows:

- I. Protozoa, Coelenterates and Echinoderms, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold; first, to train students to the habit of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Fresh-

water or land animals are selected as far as possible. Groups are taken up in succession, several representative forms of every principal group are examined in the laboratory and the work is recorded by drawings. This foundation is supplemented by text book and lecture studies, and the student is obliged to report his work in a permanent form. There are frequent written quizzes. Required of all Latin-Scientific Freshmen, optional for Sophomores in the Classical Course.

COURSE B. General Biology, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protococcus, Penicillium, Spirogyra, Geranium Leaf, Paramecium, Vorticella, Hydra and other subjects. Then the physiological conditions of cell life are investigated on Yeast as a subject. The conditions of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations.

COURSE C-I.—Vertebrate Morphology, twice a week through the term. The smelt and the salamander are dissected, and this Winter term. The smelt and the salamander are dissected, and this work is enlarged by a course of studies on the Elements of the Comparative Anatomy of Vertebrates.

COURSE C-II.—Mammalian Histology, twice a week through the Spring term. This is an elementary course of laboratory work and lecture-studies in the histology of the tissues and some of the more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on the study of fresh material and in part on prepared slides, and includes an introduction to the technique needed in preparing and mounting material for microscopical study by the simpler processes of fixing, staining, imbedding, sectioning and balsam-mounting of tissues and organs.

Course B is optional for Sophomores, Juniors and Seniors; students in the Classical Course who wish this course must first have taken Course A.

COURSE D.—Mammalian Physiology, four times a week for the Fall and Winter terms. This is chiefly a lecture and recitation course; demonstrations are given, but the individual laboratory study of physiology is not attempted. The attempt

is, however, made so far as possible to consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is optional for Juniors or Seniors, who have completed Courses B and C.

COURSE E—Advanced Biology, twice a week through the Senior year. This is an individual and practical course, intended only for those who are preparing to specialize in biology. It is open only to those who have completed Courses A, B and C, and have shown marked proficiency in practical and theoretical biological work. It is planned to devote the Fall term to mammalian osteology and the Winter term to the dissection of a mammal including all the systems, and the Spring term to Vertebrate Embryology. Other biological subjects may be taken up here in place of the work indicated. No regular classes are formed or lectures given in this course.

COURSE F.—Botany, a laboratory course in plant classification and morphology of flowering plants. The course will be given in alternation with geology in the Spring term and will be given in 1902-1903. It is optional for Juniors and Seniors who have completed Course B.

NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for fifty-four students at one time. There are twenty-seven compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on.

Geology.

COURSE A.—Elements of Geology, four times a week through the Spring term. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Juniors and Seniors. This course is given in alternation with Biology F and will not be given in 1902-1903.

Synopsis of the Course of Study.

FRESHMAN YEAR.

Fall Term.	<p>LATIN.—Livy. 4. MATHEMATICS.—Plane and Spherical Trigonometry. <i>Classical.</i>—GREEK.—Odyssey. 5. Rhetoric. 1. <i>Latin Scientific.</i>—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. I. 3.</p>
Winter Term.	<p>LATIN.—Livy. 4 MATHEMATICS.—Algebra. <i>Classical.</i>—GREEK. Lysias. 5. Rhetoric. 1. <i>Latin Scientific.</i>—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. II. 3.</p>
Spring Term.	<p>LATIN.—Horace. 4. MATHEMATICS.—Algebra. <i>Classical.</i>—GREEK, Xenophon, Memorabilia. 5. Rhetoric. 1. <i>Latin Scientific.</i>—RHETORIC. 3. " " BIOLOGY. A. Course A. III. 3.</p>

SOPHOMORE YEAR.

Fall Term.	<p>PHYSICS A.—Carhart. 4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Terence, Literature. 2½.</p>	<p>GREEK.—Plato Apology. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—2½. BIOLOGY B. RHETORIC.—E. or F. 1.</p>
Winter Term.	<p>PHYSICS B.—4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Cicero's Lælius or Pliny's Letters; Literature. 2½.</p>	<p>GREEK—Sophocles, Antigone. 2½ ANALYTICAL GEOMETRY.—2½. HISTORY.—2½. BIOLOGY C I.—2. RHETORIC.—E. or F. 1.</p>
Spring Term.	<p>PHYSICS B.—Lectures. 4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Horace De Arte Poetica or Quintilian; Literature. 2½.</p>	<p>GREEK.—Demosthenes, De Corona. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—2½. BIOLOGY B. III. RHETORIC.—E. or F. 1.</p>

The figures indicate the number of class exercises per week.

Sixteen exercises per week, including Bible study and rhetoricals are required.

JUNIOR YEAR.

Fall Term.	ENGLISH LITERATURE.—4. RHETORIC.—E. or F.—1. HISTORY.—Government.—2½. CHEMISTRY.—Course A.—4. BIOLOGY B.—2. HUMAN BODY.—4.	GERMAN.—5. FRENCH.—5. LATIN.—2. CALCULUS.—2½. GREEK.—2.
Winter Term.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Course A.—4. BIOLOGY C I.—2 HUMAN BODY.—4.	GERMAN.—5. FRENCH.—5. LATIN.—2. CALCULUS.—2½. GREEK.—2.
Spring Term.	ENGLISH LITERATURE.—4. RHETORIC.—E. or F. 1. POLITICAL ECONOMY.—3. CHEMISTRY B.—4. DESCRIPTIVE ASTRONOMY.— Young. 3. BIOLOGY C II.—2.	GERMAN.—Goethe. 3. FRENCH.—5. CALCULUS.—2½. GREEK.—New Testament. 2. LATIN.—2. LOGIC.—3.

SENIOR YEAR.

Fall Term.	POLITICAL ECONOMY.—4. HUMAN BODY.—4. PSYCHOLOGY.—4. HISTORY.—Civilization. 4. EDUCATION.—2.	ENGLISH LITERATURE.—2 or 4. CHEMISTRY C.—2. BIOLOGY E.—2. CONSTITUTIONAL LAW.—2.
Winter Term.	HUMAN BODY.—4. POLITICAL ECONOMY.—4. HISTORY.—Civilization. 4. MORAL SCIENCE.—Porter. 4. EDUCATION.—2.	ENGLISH LITERATURE.—2 or 4. CHEMISTRY C.—2. CHEMISTRY D.—2. PHYSICS C.—2. BIOLOGY E.—2. CONSTITUTIONAL LAW.—2.
Spring Term.	NATURAL THEOLOGY.—Chad- bourne. Lectures. EVIDENCES OF CHRISTIANITY.— Hopkins. 3. INTERNATIONAL LAW.—3. SOCIOLOGY.—4. EDUCATION.—2.	ENGLISH LITERATURE.—2 or 4. CHEMISTRY C.—2. CHEMISTRY D.—2. PHYSICS C.—2. BIOLOGY E.—2. GEOLOGY.—4. AMERICAN COMMON LAW.—2.

Preparatory Department.

The Preparatory Department, although separated in some respects from the College department, is yet kept in vital connection with it, and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

STUDENTS.

Third Preparatory.

BABBIDGE, MARIE,
 BOOEN, J. WESLEY
 CHILTON, LIBBIE,
 CLULOW, GEORGINA,
 FEATHERSTONE, WM.
 FOLTZ, MARJORIE,
 FRICH, DAGINY M. L.,
 HURSH, MARION M.,
 KOCH, LEONORA,
 MCCORD, FRANK B.,
 MANUEL, SUSIE,
 MATCHETT, BELLE M.,
 OLSON, AMY,
 ROBINSON, S. F.,

Hamline
Hamline
Hamline
Brainerd
Red Wing
Hamline
Hamline
Henning
Champlin
Annandale
Canton
Hamline
St. Paul
Hamline

SAUNDERS, ROY J.,	<i>Parker's Prairie</i>
SCHWEITZER, FRED R.,	<i>Alma, Wis.</i>
SEELY, BESSIE,	<i>Chicago, Ill.</i>
SHEPHERD, MARY C.,	<i>Hamline</i>
WALLACE, ERNEST,	<i>Hamline</i>

Second Preparatory.

BARNES, GEO. F.,	<i>Ashby</i>
BRUTON, WALTER,	<i>Naponee, Ont.</i>
COONEY, W. E.,	<i>Casselton, N. D.</i>
CRAIG, CARRIE E.,	<i>Merriam Park</i>
CRAIG, JOHN C.,	<i>Merriam Park</i>
CROONQUIST, CHARLES,	<i>Kensal, N. D.</i>
ELLISON, JAY,	<i>Hamline</i>
FAY, GEORGE,	<i>Virginia</i>
FLINT, FERNA,	<i>Hamline</i>
FOSTER, EDNA A.,	<i>Hamline</i>
HALL, EDITH L.,	<i>Rochester</i>
HAMRIN, C. N.,	<i>Hamline</i>
HOYT, SIBYL,	<i>St. Paul</i>
JEWITT, JOHN A.,	<i>Walford Station, Ont.</i>
KAHN, MARGARET,	<i>Claybank</i>
KEAST, CHARLES P.,	<i>Hamline</i>
KIRKLAND, ARTHUR,	<i>Tramway, Wis.</i>
LIBBEY, C. HOWARD,	<i>Red Wing</i>
MCCALLUM, AGNES C.,	<i>Hamline</i>
MCCAULEY, W.,	<i>Joliette, N. D.</i>
McKUSICK, ALLIE,	<i>St. Paul</i>
McLEAN, NEIL,	<i>Penn, N. D.</i>
MOORE, ROBERT,	<i>Hamline</i>
MOSS, ROY,	<i>Milwaukee</i>
NELSON, MARSHALL,	<i>Osceola, Wis.</i>
NICHOLS, ETHEL H.,	<i>Milaca</i>
NUTTING, F. W.,	<i>Hamline</i>
OLSON, ARTHUR E.,	<i>Afton</i>
PERSINGER, FLOYD,	<i>Howard Lake</i>
ROBINSON, J. M.,	<i>Seattle, Wash.</i>
SCHULTZ, GEORGE J.,	<i>Verdon, S. D.</i>
SHEA, WILLIAM,	<i>Sparta</i>
STOWERS, R. PARKER,	<i>Hamline</i>

SWENSON, JOHN W.,	<i>Hamline</i>
VICKERY, ROY A.,	<i>Mora</i>
WHITE, MYRTLE,	<i>Hamline</i>
WINSTON, CORA R.,	<i>Hamline</i>
WOOD, EFFIE M.,	<i>Hamline</i>

First Preparatory.

ACKERMAN, ETHEL M.,	<i>Farmington</i>
AURAND, VERA,	<i>Bowdle, S. D.</i>
AYERS, W. EDWARD,	<i>Minneapolis</i>
BARBER, HALLIE,	<i>Dakota</i>
BARRETT, BERT W.,	<i>Belvidere, Ill.</i>
BENTLY, LEWIS,	<i>Clearwater</i>
BOYER, BURTON,	<i>Hamline</i>
BUCK, M. GLADYS,	<i>Hamline</i>
BUNKER, ERNEST L.,	<i>Bloomington Ferry</i>
CHILTON, ADELAIDE A.,	<i>Hamline</i>
CHILTON, EMILY,	<i>Hamline</i>
GARRISON, OLIVER E.,	<i>Minnisciska</i>
GREGG, MAE,	<i>Rapidan</i>
HAGEMANN, W. G.,	<i>Davis, Ill.</i>
HALL, CHARLES,	<i>St. Paul</i>
HANNAH, MAYME,	<i>Wood Lake</i>
HERBER, TRUMAN M.,	<i>Rochester</i>
HOUSTON, MAMIE,	<i>Hamline</i>
HOUSTON, TENA,	<i>Hamline</i>
HURD, ROY M.,	<i>Hamline</i>
JENKS, FLORENCE K.,	<i>Merriam Park</i>
JOISTAD, ARTHUR,	<i>St. Paul</i>
JONES, ETHEL M.,	<i>Hamline</i>
KINSMAN, EDITH,	<i>Hamline</i>
McLAIN, EARL,	<i>Lakeville</i>
MANUEL, ARTHUR,	<i>Canton</i>
MARVIN, ROB. A.,	<i>Clearwater</i>
MERICKEL, GEO.,	<i>Eagle Bend</i>
NICHOLSON, ALLAN,	<i>St. Paul</i>
OLESON, PETER,	<i>Lake Benton</i>
PASCO, G. H.,	<i>Edgerton</i>
PERKINS, WALTER C.,	<i>Money Creek</i>
RALSTON, BASIL E.,	<i>Crystal, N. D.</i>

REID, GEO. M.,	<i>Glenwood</i>
ROBINSON, ALTA E.,	<i>Hamline</i>
ROBINSON, NETTIE L.,	<i>Hamline</i>
ROBINSON, RALPH,	<i>Hamline</i>
SAUNDERSON, JASON,	<i>St. Paul</i>
SMITH, CHAS. F.,	<i>Hamline</i>
STOWERS, GERTRUDE,	<i>Hamline</i>
SUND, LOUISE,	<i>Milltown, Wis.</i>
SUND, MARTIN,	<i>Milltown, Wis.</i>
TAYLOR, WALTER R.,	<i>St. Paul</i>
WHITNEY, DAN E.,	<i>Clearwater</i>
WINTER, WILBER M.,	<i>Winona</i>

Courses of Instruction.

Preparatory Department.

FIRST YEAR.

FIRST TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.—Allen and Greenough.
ENGLISH.

SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.
ENGLISH.

THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.
ENGLISH.

SECOND YEAR.

FIRST TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

Classical.—FIRST GREEK BOOK.

Latin Scientific.—GENERAL HISTORY.—4.

SECOND TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

ELEMENTARY RHETORIC.—2.

Classical.—FIRST GREEK BOOK.

Latin Scientific.—GENERAL HISTORY.—4.

THIRD TERM.

Constructive Drawing.—GEOMETRIC CONSTRUCTIONS.

LATIN.—Cicero.

ELEMENTARY RHETORIC.—2.

Classical.—ANABASIS; COMPOSITION.

Latin Scientific.—GENERAL HISTORY.—4.

THIRD YEAR.

FIRST TERM.

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.—Carhart.

SECOND TERM.

SOLID GEOMETRY. ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.

THIRD TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

Classical.—GREEK.—Iliad.

Latin Scientific.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

Department of Elocution.

The instruction seeks to develop the individuality of each student, to make mind and body responsive to the thought to be interpreted, to develop bodily freedom, ease and grace, to secure correct and natural use of the voice, to develop a love and appreciation of good literature and to give each student a command of all his powers before an audience.

Exercises in physical culture from the Emerson system are used, and others adapted from the Checkly and Swedish systems.

Private pupils in elocution are admitted to class work free of charge. They also have the opportunity of appearing before audiences in the public recitals which are frequently given.

A certificate is granted for the completion of courses in this department.

In the Junior and Senior years' three terms' work in the interpretative study of literature may be substituted for one-half study one term of the college curriculum.

COST OF INSTRUCTION.

Single lessons (45 minutes)	\$1.00
Twelve lessons (45 minutes)	11.00
Twenty-four lessons (30 minutes)	18.00
Classes of twenty, 24 lessons (45 minutes)	5.00

BIBLE INTERPRETATION.

Classes of ten, 12 lessons (45 minutes)	2.50
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Elocution.

ALLIN, E. A.,	<i>Buffalo</i>
ALLEN, A. B.	<i>Spring Valley</i>
ANDERSON, J. C.,	<i>St. Paul</i>
BABCOCK, W. G.,	<i>Racine</i>
BABBIDGE, MARIE,	<i>Hamline</i>
BROBECK, DIANA	<i>Kenyon</i>
BUNKER, E. L.,	<i>Bloomington Ferry</i>
CRAWFORD, ANNA,	<i>Hamline</i>
CRAWFORD, R. A.,	<i>Hamline</i>
DAVIS, MAMIE,	<i>Glencoe</i>
DAVIS, NELLIE,	<i>Glencoe</i>
DREDGE, GEORGE,	<i>Lake Crystal</i>
DUNN, A. P.,	<i>Winnebago City</i>
FRANKLIN, MAE,	<i>Devils Lake, N. D.</i>
FRYCKBERG, J. W.,	<i>Hamline</i>
GATES, BESSIE,	<i>Red Wing</i>
GEER, J. A.,	<i>Gault, Ontario</i>
GILLIS, W. H.	<i>Pine Island</i>
GORDON, MONNIE,	<i>Hamline</i>
GUSE, HERMAN,	<i>Hamline</i>
HEAL, PEARL,	<i>Hamline</i>
HILL, JENNIE E.,	<i>Hamline</i>
INNIS, ETHELWYN,	<i>Hamline</i>
INWOOD, A. I.,	<i>Hamline</i>
JONES, HATTIE D.,	<i>Luverne</i>
KAHL, J. A.,	<i>Radcliffe, Ia.</i>
KERN, W. J.,	<i>Burford, Ontario</i>
KETCHAM, FLORENCE,	<i>Warren</i>
KOCH, LEONORA,	<i>Champlin</i>
KYES, H. L.,	<i>Appleton</i>
LASSELL, GRACE M.,	<i>Chester, Ia.</i>
LIBBEY, S. W.,	<i>Red Wing</i>
LIBBEY, C. H.,	<i>Red Wing</i>
LOWE, JOHN,	<i>Hamline</i>
MANUEL, ARTHUR,	<i>Canton</i>
MATCHETT, BELLE,	<i>Hamline</i>

MCCANN, ELIZABETH,	<i>St. Paul</i>
MCCORMICK, J. D.,	<i>Owatonna</i>
MCCOMBS, V. M.,	<i>Elizabeth</i>
MCCREA, C. H.,	<i>Hamline</i>
MCCUSICK, ALLIE,	<i>Pine City</i>
MCGANDY, GRACE L.,	<i>Marshall</i>
MCKENZIE, DONALD,	<i>Minneapolis</i>
MILLER, ROY C.,	<i>Hamline</i>
NOLTIMIER, H. B.,	<i>Newport</i>
OLESON, OLAF,	<i>Alexandria</i>
OLESON, PETER,	<i>Hamline</i>
OLSON, A. E.,	<i>Afton</i>
PIPER, W. H.,	<i>Wabasha</i>
REED, GEORGE,	<i>Glenwood</i>
RICE, BERYL,	<i>Hamline</i>
RICE, W. A.,	<i>Lake City</i>
RUENITZ, E. J.,	<i>Springfield</i>
SCHOCK, ALICE B.,	<i>St. Paul</i>
SCHWEITZER, F. R.,	<i>Alma, Wis.</i>
SHEA, W. H.,	<i>Virginia</i>
STURTEVANT, NELLIE,	<i>Hamline</i>
SWINNERTON, T. N.,	<i>Hamline</i>
TAYLOR, W. R.,	<i>St. Paul</i>
TISDALE, FRED,	<i>Minneapolis</i>
WALKER, PEARL,	<i>Clark, S. D.</i>
WEBB, LOUELLA W.,	<i>Hamline</i>
WELLS, FLORENCE,	<i>Hamline</i>
WENGER, IDA PEARL,	<i>Hamline</i>
WHITE, MYRTLE,	<i>Hamline</i>
WINSTON, CORA,	<i>Hamline</i>
WRIGHT, EDITH E.,	<i>Hamline</i>
WYLIE, LULU E.,	<i>Drayton, N. D.</i>
ZIMMERMAN, S. A.,	<i>Fergus Falls</i>

Department of Music.

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course of music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

Music.

BRIDGMAN, DOROTHY,
CHAMBERLIN, GRACE,
CLULOW, GEORGINA,
CRAIG, CARRIE,
DAVIS, NELLIE G.,
GILLIS, WM. H.,
GILLIS, WINNIFRED,
HALL, BENJAMIN,
LIBBEY, C. HOWARD,
MANUEL, SUSIE,
PUFFER, FLORENCE E.,
STARK, MARY,
WALKER, PEARL,
WYLIE, LULU E.,
ZIMMERMAN, S. A.,

Hamline
Dodge Center
Brainerd
Merriam Park
Glencoe
Pine Island
Pine Island
Wood Lake
Red Wing
Canton
Bird Island
Harris
Clark, S. D.
Drayton
Fergus Falls

General Information.

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Interurban Electric Railway, and from St. Paul by the Hamline Line.

LIBRARY.

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 8:20 a. m. until 5:00 p. m. It is free to all students, and they are aided in consulting it by the Librarian and by members of the Faculty. The library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society are in easy reach and freely accessible to all students.

DEPARTMENT OF PHYSICAL CULTURE.

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-round development rather than the training for special feats of skill or strength. Hand ball and basket ball

tournaments are held during the winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in base ball, foot ball, track and field sports and skating. A rink for the latter purpose, 300x100 feet, is flooded on the campus. The Athletic Association maintains a foot ball, a base ball and a track and field team, and annually contests for honors with the other colleges of the state.

LADIES' HALL.

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher. All other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

BOARD.

The Dining Hall is in the basement of the Ladies' Hall. Young ladies from a distance will be expected to board and room in Ladies' Hall. Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President obtained before removal.

Gentlemen rooming in private houses will be permitted to board at the University table so long as there is room for them, but when their places are required by occupants of Ladies' Hall, they will be obliged to board elsewhere.

The cost of board and washing at Ladies' Hall is at present as follows:

Ladies, per week (including washing six pieces)	\$2.75
Gentlemen, per week	2.75
Washing and ironing, per dozen50

A reduction of 25 cents per week will be made from the price of board in the case of persons choosing to dispense with tea and coffee.

The expenses of board, fuel, washing and light in private families is \$3.75 to \$4.00 per week.

NECESSARY EXPENSES.

Tuition, College Classes, Fall Term	\$12.00
Tuition, College Classes, Winter or Spring Term	11.00
Tuition, Preparatory Classes, Fall Term	10.00
Tuition, Preparatory Classes, Winter or Spring Term....	9.00
Incidentals, per term, all classes	2.00
Chemical Laboratory fee, per term	3.00
Biological Laboratory fee, per term	2.00

Apparatus broken by the student will be charged to his account.

Elocution, per lesson	1.00
Music, piano or vocal, payable by the term, per lesson of one-half hour	1.00
Vocal Music, per term, in classes	2.00
Use of piano, one hour daily, per term	2.50
Text-books, per year	\$10.00 to 15.00

ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals	\$34.00	\$40.00
Room rent, fuel and light	36.00	36.00
Board, thirty-six weeks	90.00	90.00
Washing and ironing, 12 pieces per week....	18.00	18.00
Books and stationery, about	12.00	12.00
Minimum	\$190.00	\$196.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and elocution being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced.

Tuition, incidentals, music and elocution lessons, and piano rent are payable by the term in advance.

Board and washing are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

LITERARY SOCIETIES.

There are seven Literary Societies in connection with the College of Liberal Arts. The Philomathean, Amphictyon and Phi Alpha are for college men; Browning and Athenæan for ladies; the Zarephathian for young men and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

RELIGIOUS SERVICES.

Students are expected to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meeting of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.

College of Medicine.

(Minneapolis College of Physicians and Surgeons.)

Board of Trustees.

G. C. BARTON, M. D.....	Term expires 1902
W. H. HALLOWELL, M. D.	Term expires 1902
J. T. MOORE, M. D.,	Term expires 1903
J. D. SIMPSON, M. D.....	Term expires 1903
LEO M. CRAFTS, M. D.....	Term expires 1904
WILLIAM J. BYRNES, M. D.....	Term expires 1904

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GEO. H. BRIDGMAN, D. D.....	<i>President</i>
J. T. MOORE, M. D.....	<i>Vice-President</i>
LEO M. CRAFTS, M. D.....	<i>Dean</i>
W. J. BYRNES, M. D.....	<i>Treasurer</i>

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Professor of Psychological Medicine.

GEORGE C. BARTON, M. D.,

Professor of Clinical Gynaecology.

A. F. IRWIN, M. D., PH D.,

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DAVID OWEN THOMAS, M. D., M. R. C. S.,

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Professor of Ophthalmology and Otology.

CHARLES W. WILLIAMS, M. D.,

Professor of Therapeutics.

J. D. SIMPSON, M. D.,

Professor of Clinical Ophthalmology and Otology.

KNUT HOEGH, M. D.,

Professor Emeritus of the Principles of Surgery and Clinical Surgery.

CHARLES W. DREW, PH B., M. D.,

Professor of Chemistry and Toxicology.

HENRY J. O'BRIEN, M. D.

Professor of Clinical Surgery.

CHARLES E. SMITH, M. D.,

Professor Emeritus of Clinical Medicine.

EDUARD, BOECKMAN, M. D.,

Professor of Ophthalmology.

ANTON SHIMONEK, M. D.,

Professor of Clinical Gynaecology.

C. A. McCOLLOM, M. D.,

Professor of Preventive and Legal Medicine and Medical Insurance

NORMAN DREISBACH, M. D.,

Professor of Anatomy.

CHAS. J. MEADE, M. D.,

Professor of Clinical Medicine.

CHAS. F. DIGHT, M. D.,

Professor of Physiology.

H. B. SWEETSER, M. D.,

Professor of the Practice of Surgery and Clinical Surgery.

F. A. KNIGHTS, M. D.,

Professor of Paediatrics.

OTHER INSTRUCTORS.

F. B. KREMER, D. D. S.,

Lecturer on Dental Pathology and Therapeutics.

ARNOLD SCHWYZER, M. D.,

Clinical Professor of Pathology.

JOSEPH W. BETTINGEN, M. D.,

Clinical Professor of Diseases of the Nose, Throat and Ear.

CHARLES F. DENNY, M. D.,

Instructor in Clinical Medicine.

J. FRANK CORBETT, B. S., M. D.,

Assistant Professor of Bacteriology and Curator of the Museums.

EDGAR M. DUNN, B. A.,

Assistant Professor of Chemistry.

R. M. PETERS, M. D.,

Instructor in Medicine.

C. H. BRADLEY, M. D.,

Instructor in Clinical Medicine and Obstetrics.

CARL J. LIND, M. D.,

Assistant Professor of Materia Medica.

FRANKLIN T. POEHLER, M. D.,

Instructor in Clinical Medicine.

J. A. WATSON, M. D.,

Instructor in Diseases of the Nose, Throat and Ear and Lecturer on Pathology.

CHAS. F. DISEN, M. D.,

Demonstrator of Anatomy.

L. C. BACON, M. D.,

Instructor in Clinical Medicine and Obstetrics.

MASON ALLEN, M. D.,

Instructor in Clinical Medicine.

KNOX BACON, M. D.,

Instructor in Clinical Medicine.

F. J. PLONDKE, M. D.,

Instructor in Histology and Embryology.

J. B. BRIMHALL, M. D.,

Assistant Professor of Clinical Surgery.

University Scholars Assisting in Laboratory Instruction.

EDGAR R. BARTON,

In Histology and Embryology.

WM. D. McDOUGALD,

HENRY H. HELK,

F. S. SANDBORG,

In Bacteriology.

Dispensary Clinical Staff.

GEO. C. BARTON, M. D.,

Gynaecology.

J. D. SIMPSON, M. D.,

Eye and Ear.

F. A. KNIGHTS, M. D.,

Pædiatrics.

G. H. BRADLEY, M. D.,

General Medicine.

R. T. POEHLER, M. D.,

General Medicine.

J. A. WATSON, M. D.,

Nose and Throat.

GEO. J. GORDON, M. D.,

Surgery.

Calendar.

1901.

- Sept. 16.—Monday. Entrance examinations, 9 a. m.
Sept. 17.—Tuesday. Entrance examinations, 9 a. m.
Sept. 18.—Wednesday. Entrance examinations, 9 a. m.
Sept. 18.—Wednesday. Examination for conditioned students,
9 a. m.
Sept. 18.—Wednesday. Open Lectures, 8 p. m.
Sept. 19.—Thursday. Lectures begin, 9 a. m.
Oct. 1.—Tuesday. Term tickets required for admission to
lectures.
Dec. 15.—Saturday. University day.

Christmas vacation from Dec. 15, 1901, to Jan. 2, 1902.

1902.

- Jan. 3.—Friday. Second examination for conditioned students.
Feb. 22.—Thursday. Washington's birthday; a holiday.
May 13.—Monday. Final examinations begin.
May 30.—Tuesday. Memorial day; a holiday.
June 5.—Wednesday. Alumni clinics, 9 a. m.
June 5.—Wednesday. Class night exercises, 8 p. m.
June 6.—Thursday. Commencement.
June 6.—Thursday. Alumni banquet, 8 p. m.

COLLEGE BUILDINGS.

The new college building is situated on the corner of Fifth street and Seventh avenue south, and was finished and occupied on Jan. 1st, 1900.

The college has been exceedingly fortunate in securing its location, immediately opposite the large new buildings of the city hospital, giving unequalled clinical advantages, and the finest location for a medical college in the northwest.

The building now occupied is the south wing only, of the completed structure as it is to be. The site has been purchased to provide for the future growth of the department and is very commodious, containing ample room for all future growth. The entire plans, as drawn, provide for a building one hundred and thirty by one hundred and fifty feet on the ground and most admirably arranged in every detail for the best work.

The south wing now occupied will be ample for the present needs and the immediate future. The large amphitheater seats two hundred and twenty-five besides two other large class rooms. The dissecting room with adjoining lavatory is large, extending entirely across the building, and admirably lighted across both sides and by skylight. The laboratories are large, airy and carefully arranged for light and convenience. There is a student's reading room and a separate ladies' parlor and retiring rooms. Especial attention has been given to the dispensary rooms which occupy the ground floor. Eleven rooms are devoted to this purpose, with large waiting rooms, history, clinic and drug rooms, giving by far the best dispensary facilities in the city.

Announcement.

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its nineteenth annual course of lectures on Sept. 18th, 1901, at 8:00 p. m., at which time the introductory address will be given in the college amphitheater.

HISTORY.

This college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, for the purpose of elevating the standard of medical education throughout the northwest. For many years it struggled against heavy odds, but always maintained its high standard for graduation. In 1893 it received strong additions to its faculty, and immediately increased the number of its students more than four-fold, which placed it at once on a firm financial basis.

In 1895 the college became the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

In the same year the course of study was lengthened to four years, beginning with the class entering for that session.

In 1896 the length of session was increased from six to eight months, and notice was published that on and after the year 1900, a first grade high school diploma, or its equivalent, would be required for entrance, being the first school in the northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

Beginning with the session 1901-2, the college year opens the third week in September, lengthening the session to nine months.

HOSPITALS.

The clinical facilities of this college are the best that can be obtained in the twin cities, the building being situated in the immediate vicinity of the three chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of all the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist Hospital, St. Barnabas and St. Mary's Hospitals, in Minneapolis; and the City and County Hospital, St. Joseph's, St. Luke's and Bethesda Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

REQUIREMENTS FOR ADMISSION.

Entrance Examinations.

In accordance with an agreement between Hamline University and the University of Minnesota, the requirements for admission to their Medical Departments, which represent all the medical schools of the state, are at present uniform.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carlton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

Candidates who do not possess such qualifications will be required to pass an entrance examination, which will be conducted by an examining board consisting of three members of the faculty of the College of Science, Literature and the Arts, appointed by the President of Hamline University.

In 1901 the requirements will be the same as the requirements for admission to the freshman class of the College of Science, Literature and the Arts at the present time, and will be as follows:

1. English Composition and Rhetoric.
2. United States History.
3. History of Greece and Rome.
4. Physiology.
5. Physics.
6. Algebra.
7. Geometry.
8. Latin Grammar.
9. Cæsar, four books; Cicero, four orations; Virgil, four books, or German or French in lieu of Cicero and Virgil.

Graduates of recognized universities and colleges, where the prescribed course in chemistry, histology, etc., is equal to the work required in the first year of the graded course, may apply for admission to the second year class. The professors of histology, physiology and chemistry will pass upon the evidence presented by the student, and have the power to require an examination if the certificates are not satisfactory.

ADMISSION TO ADVANCED STANDING.

Graduates from recognized colleges of dentistry, pharmacy and veterinary medicine, will be accorded credit for one year under the same conditions.

Students from other medical schools who apply for advanced standing must either pass examinations in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examinations, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

REGISTRATION.

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the first day of November in each year. Fees are payable to the Treasurer, and must be paid at the time of registration.

Tickets of registration will be necessary for admission to all lectures after October 10th.

Division of Subjects.

The course of instruction in this college consists of a four years' graded series of lectures, recitations, clinics and laboratory exercises, each session is of eight and a third months duration, and the subjects are arranged as follows:

FIRST YEAR.

Histology and Embryology.
Anatomy.
Chemistry.
Physiology.
Materia Medica.

SECOND YEAR.

Anatomy.
Medical Chemistry.
Physiology.
Materia Medica.
Pathology.
Apparatus and Bandaging.

THIRD YEAR.

Therapeutics
Surgical Anatomy.
Pathology.
Bacteriology.
Paediatrics.
Dermatology and Genito-Urinary Diseases.
Obstetrics.
Gynaecology.
Theory and Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.

FOURTH YEAR.

Theory and Practice of Medicine.

Principles and Practice of Surgery.

Physical Diagnosis and Clinical Medicine.

Operative and Clinical Surgery.

Obstetrics.

Gynaecology.

Preventive and Legal Medicine and Medical Insurance.

Neurology.

Psychological Medicine.

Ophthalmology and Otology.

Laryngology.

No conditional student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the faculty.

Tabular View.

FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	FOURTH YEAR.
<i>Histology and Embryology</i> <i>Histology Laboratory</i> <i>General Chemistry.</i> <i>General Chemistry Lab.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Materia Medica.</i>	<i>Medical Chemistry and Toxicology.</i> <i>Medical Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology. Laboratory.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Pediatrics.</i> <i>Dermatology.</i> <i>Genito-Urinary.</i> <i>Rectal and Venereal Diseases.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Theory and Practice of Med.</i> <i>Principles and Practice of Surgery.</i> <i>Physical Diagnosis and Clinical Medicine.</i>	<i>Theory and Practice of Medicine.</i> <i>Principles and Practice of Surgery.</i> <i>Physical Diagnosis and Clinical Medicine.</i> <i>Operating and Clinical Surgery.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Preventive and Legal Medicine.</i> <i>Medical Insurance.</i> <i>Neurology.</i> <i>Psychological Medicine.</i> <i>Ophthalmology and Otolaryngology.</i> <i>Orthopaedic Surgery.</i>

NOTE—Final examinations in all subjects in Italics. Attendance and Quizzes required in all other subjects.

* Half session subjects.

Course and Methods of Instruction.

Anatomy.

The course in anatomy will consist of didactic lectures and practical exercises, with dissection, under the direction of the demonstrator. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available will be required to do all parts twice. The work in this branch covers two years' instruction. Plates, diagrams, models and frozen sections are used freely in illustration.

First Year.—Three times a week throughout the session. Professor Dreisbach. Professor Dreisbach, demonstration on cadaver, Dr. Disen.

Second Year.—Twice a week throughout the session. Professor Dreisbach. Dissection and demonstrations, Dr. Disen. Recitations held weekly in both years covering fully all lectures.

Third Year.—Surgical anatomy once a week during last half of session, with continual demonstration on the subject. Prof. Dreisbach.

Histology and Embryology.

Work in this subject includes lectures, laboratory exercises and recitations. Full time is given to laboratory technique to thoroughly familiarize the student with the microscope and laboratory methods. The latter part of the session is given to vertebrate embryology. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for those whose means will not afford purchasing.

First Year.—Lectures or recitations twice a week throughout the session. Laboratory work two hours three times a week. Dr. Plondke.

Physiology.

This branch is taught by means of didactic lectures, recitations and frequent demonstrations on the lower animals, illustrating digestion, absorption, secretion, the blood, and its circulation and the nervous system. The student thus studies the body practically and demonstrates all vital phenomena.

First Year.—Four lectures a week, including recitations on all work covered. Prof. Dight.

Second Year. Four lectures a week, work in the laboratory in experimental physiology and physiological chemistry in sections each week and recitations. Prof. Dight.

Chemistry.

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

First Year.—Three lectures a week, continuing through the session, laboratory work two hours three times a week and recitations each week. Assistant Prof. Dunn.

Second Year. Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Drew. Laboratory work three hours once a week throughout the session, including clinical chemistry. Assistant Prof. Dunn.

Materia Médica.

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs. An unusual amount of time is given to the study of this subject.

First and Second Years.—Two lectures a week through the year. Assistant Prof. Lind.

Pathology.

This subject is taught by lectures, recitations, frequent written quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens before the class. The study in this subject is very complete, cov-

ering the processes of disease and the general and special causes of morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

Second Year.—Two lectures a week during the session. Two recitations or quizzes each week. Laboratory work two hours twice a week in sections. Dr. Watson.

Third Year.—Two lectures a week through the year. Dr. Watson. Clinical pathology once a week, Clinical Prof. Schwyzer. Two recitations or quizzes each week.

Bacteriology.

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail of laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

Third Year.—Two lectures a week throughout the year; recitations each week. Asst. Prof. Corbett. Practical laboratory exercises two hours once a week. Asst. Prof. Corbett.

Therapeutics.

The work in this subject following the two years continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch, together with lectures and demonstrations clinically under this and other chairs.

Third Year.—Two exercises a week through the year. Prof. Williams.

Theory and Practice of Medicine.

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This

course extends through two years, with final examination on the Theory of Medicine at the end of the third year and Practice at the end of the fourth year.

Third Year.—One lecture a week through the session.

Fourth Year.—One lecture a week through the session, with recitations each week on all ground covered. Prof. Moore, Dr. Peters.

Diseases of the Chest.

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

Third and Fourth Years.—One lecture a week throughout the session. Prof. McDonald. One clinic a week. Prof. McDonald.

Physical Diagnosis and Clinical Medicine.

The work in this department is commensurate with its importance and is thoroughly systematized. It consists of didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work is done in small sections, drilling the students in the observation and recognition of abnormal physical signs.

Third Year.—Lecture once a week through the season. Prof. Irwin. General clinics twice a week in the hospital amphitheaters of the Twin Cities. Profs. Irwin and Meade.

Fourth Year.—Lecture once a week through the year. Prof. Irwin. General clinics twice a week. Section clinics daily. A great part of the work being in small sections, with the personal attention of the instructors. Profs. Irwin, Williams and Meade, Drs. Denny, Bradley, Poehler, Knox, Bacon, L. C. Bacon and Allen.

Dermatology.

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

Third Year.—Once a week during first half of session. Prof. Thomas.

Genito-Urinary Diseases.

Lectures on the diseases of the sexual and urinary apparatus, together with ample clinical study at the hospitals and dispensaries.

Third Year.—One lecture and clinic a week during the second half of the session. Prof. Thomas.

Neurology.

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens; models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro therapeutics.

Fourth Year.—One lecture and one clinic a week for the entire session. Prof. Crafts.

Psychological Medicine.

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

Fourth Year.—One lecture a week during first half of session. Prof. Bartlett.

Surgery.

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

Third and Fourth Years.—Practice of Surgery, two lectures a week. Prof. Sweetser. Principles of surgery, one lecture a week. Prof. Byrnes.

Clinical Surgery.

A two-hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Prof. Sweetser, Prof. Byrnes and Prof. O'Brien. Operative surgery one exercise a week during second half year, including orthopædics.

Second Year.—Instruction in apparatus and bandaging throughout the year.

Ophthalmology and Otology.

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of these organs.

Fourth Year.—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, twice a week. Prof. Simpson. Clinic, three hours once a week. Prof. Boeckman.

Diseases of the Nose and Throat.

Instruction in this subject consists of lectures and demonstrations in the clinic, including practical training in the use of instruments, the class being divided into small sections as in other special clinics.

Fourth Year.—Didactic lectures once a week throughout the session. Dr. Watson. Clinics in sections three times a week, at dispensaries and hospitals. Clinical Prof. Bettingen. Dr. Watson.

Obstetrics.

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

Third and Fourth Years.—Two lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Prof. Hallowell, Dr. Bacon and Dr. Bradley.

Gynaecology.

The teaching in this subject for both third and fourth year classes combines didactic lectures, recitations and demonstrations, with clinical observation both in minor and operative gynaecology in sections at the dispensary of the college and the hospitals.

Third and Fourth Years.—Lectures twice a week. Prof. Phillips. Associate, Prof. Cary.

Clinics, fourth year, in sections, three times a week. Professor Barton. Third and fourth year, once a week, general clinic. Clinical Professor Shimonek.

Preventive and Legal Medicine and Medical Insurance.

These combined subjects are grouped in a complete and sequent course falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, also the relations that medical science bears to legal questions, and finally the essentials of correct insurance examinations.

Fourth Year.—Two lectures a week, Preventive Medicine, October, November, December. Medical Insurance, January, February. Legal Medicine, April, May. Prof. McCollom.

Paediatrics.

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

Third Year.—One lecture a week throughout the year. Prof. Knights. Clinics, each week in sections, in both cities. Prof. Knights, Dr. Denny.

Dental Pathology and Therapeutics.

A course of didactic lectures on Pathological Conditions of the teeth and jaws, including the antrum and fractures of the maxillæ, and therapeutic measures relating to these, with which the student of medicine should be familiar.

Fourth Year.—One lecture a week for twelve weeks. Dr. Kremer. Clinical demonstrations at the Dispensary, in sections, once a week for twelve weeks. Dr. Kremer.

ORDER OF INSTRUCTION. FIRST YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Physiology. Prof. Dight. Room A.	Physiology. Prof. Dight. Room A.	Physiology. Prof. Dight. Room A.	Physiology. Prof. Dight. Room A.		
10-11	Anatomy. Prof. Dreisbach. Room A.	Histology. Room B.	Anatomy. Prof. Dreisbach. Room A.	Histology. Room B.	Anatomy. Prof. Dreisbach. Room A.	
11-12		Materia Medica. Ass't Prof. Lind. Room A.		Materia Medica. Ass't Prof. Lind. Room A.		
1-2	Histology Laboratory. Dr. Plondke. Mr. Barton.	Chemistry. Ass't Prof. Dunn. Room B.	Chemistry. Ass't Prof. Dunn. Room B.	Chemistry. Ass't Prof. Dunn. Room B.	Histology Laboratory. Dr. Plondke. Mr. Barton.	
2-3		Chemistry Laboratory. Ass't Prof. Dunn.	Chemistry Laboratory. Ass't Prof. Dunn.	Chemistry. Laboratory. Ass't Prof. Dunn.		
3-4	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations.	Anatomy Laboratory. Demonstrations	
4-5						

SECOND YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology. Prof. Dight. Room A.	Physiology, Prof. Dight. Room A.	Physiology, Prof. Dight. Room A.	Physiology, Prof. Dight. Room A.	*8:30 Physiological Laboratory.	
10-11	*Apparatus and Bandaging. Dr. Macnie.	Anatomy. Prof. Dreisbach. Room A.	*Apparatus and Bandaging. Dr. Macnie.	Anatomy, Prof. Dreisbach. Room A.	Apparatus and Bandaging. Dr. Macnie.	Medical Chemistry Laboratory, Asst Prof. Duun.
11-12		Materia Medica, Asst Prof. Lind. Room A.	11-1 Pathology, Lab. Dr. Watson.	Materia Medica, Asst Prof. Lind. Room A.	11-1 Pathology Laboratory, Dr. Watson.	
1-2		Anatomy Laboratory, Dissections. Prof. Dreisbach. Dr. Disen. Dr. Donaldson.		Anatomy Laboratory, Dissections. Prof. Dreisbach. Dr. Disen. Dr. Donaldson.	Anatomy Laboratory, Dissections. Prof. Dreisbach. Dr. Disen. Dr. Donaldson.	Anatomy Laboratory, Dissections, Prof. Dreisbach. Dr. Disen. Dr. Donaldson.
2-3						
3-4						
4-5	Pathology, Room A.	Pathology, Dr. Watson. Room A.	Medical Chemistry, Prof. Drew. Room B.	Pathology, Dr. Watson. Room A.	Medical Chemistry, Prof. Drew. Room B.	

* Sections.

THIRD YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Practice of Surgery, Prof. Sweetser. Room B.	Theory and Practice Prof. Moore. Room B.	8-30 Gynaecology Clinic, Prof. Shimonek. C. & C. H. St. J.	Theory and Practice Prof. Peters. Room B.	Surgical Clinics, Prof. Sweetser. M. C. H., St. M. H., St. B. H., Sw. H.	Practice of Surgery, Prof. Sweetser. Room B.
10-11	Paediatrics, Dr. Knights. Room B.	Principles of Surgery Prof. Byrnes. Room B.	9-30 Surgical Clinic, Prof. O'Brien. C. & C. H. St. J.	Physical Diagnosis, Prof. Glenn. Prof. Irwin. Room B.	Dermatology, Gen. Urinary Dis. Prof. Thomas. Room B.	Dermatology, Gen. Urinary Dis. Prof. Thomas. Room B.
11-12	Diseases of the Chest Prof. McDonald. Room B.	Gynaecology, Prof. Phillips. Room B.	10-30 Eye Clinic, Prof. Boeckman. C. & C. H. St. J.	Clinical Physical Diagnosis, Prof. Glenn. Prof. Irwin. Operative Gynaecol. Prof. Barton. Room B.	Gynaecology, Prof. Phillips. Room B.	Gynaecology, Prof. Phillips. Room B.
1-2	Paediatrics Clinic, (Section) Dr. Knights. Dis. M. C. H.	Bacteriology, Laboratory, Ass't Prof. Corbett.	Pathology, Prof. Schwyzer. C. & C. H. St. J. H.	Clinical Physical Diagnosis, Prof. Glenn. Prof. Irwin. Operative Gynaecol. Prof. Barton. Room B.	Medical Clinic, Prof. Glenn. Prof. Williams. Dr. Bradley. Dr. Pochler.	Paediatrics Clinic, (Section) Dr. Knights. Dis. M. C. H.
2-3	*Surgical Anatomy, Prof. Dreispach. Anatomy Lab.	Obstetrics, Prof. Hallowell. Room A.	Medical Clinic, Prof. Meade. Dr. Denny. Dr. J. C. Bacon. Dr. Knox Bacon. Dr. Allen, Nose and Throat Clinic, Prof. Bettingen.	Obstetrics, Prof. Hallowell. Room A.	Dermatology, Gen. Urinary Clinic, Prof. Thomas. M. C. H. Asb. H.	
3-4						
4-5	Bacteriology, Ass't Prof. Corbett. Room B.	Therapeutics, Prof. Williams. Room B.		Therapeutics, Prof. Williams. Room B.		
5-6	Pathology, Dr. Watson. Room A.	Pathology, Dr. Watson. Room A.		Pathology (R), Dr. Watson. Room A.		

* One Half Session.

M. C. H.—City Hospital. Asb. H.—Asbury Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hospital. Sw. H.—Swedish Hospital. Dis.—College Dispensary. St. Jos. H.—St. Joseph's Hospital, St. Paul. C. & C. H.—City and County Hospital, St. Paul.

FOURTH YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Practice of Surgery, Prof. Sweetser. Room B.	Theory and Practice, Prof. Moore. Room B.	8.30 Gynaecology Clinic, Prof. Shimonek. C. & C. H. St. J.	Theory and Practice, Prof. Moore. Room B.	Surgical Clinics, Prof. Sweetser. M. C. H. St. M. H. St. B. H. Sw. H.	Practice of Surgery, Prof. Sweetser. Room B.
10-11	Prev. and Legal Med. and Med. Ins. Prof. McCollom. Room C.	Principles of Surgery, Prof. Byrnes. Room B.	9.30 Surgical Clinic, Prof. O'Brien. C. & C. H. St. J.	Physical Diagnoses, Prof. Glenn. Prof. Irwin. Room B.		Prev. and Legal Med. and Med. Ins. Prof. McCollom. Room C.
11-12	Diseases of the Chest, Prof. McDonald. Room B.	Gynaecology, Prof. Phillips. Room B.	10.30 Eye Clinic, Prof. Boeckman. C. & C. H. St. J.	Diseases of the Nose and Throat, Dr. Watson. Room C.	Gynaecology Clinic, Prof. Barton. M. C. H.	Gynaecology, Prof. Phillips. Room B.
1-2	Nose and Throat Clinic, Sections. Dr. Watson. Medical Clinic. Dis.	Eye and Ear Clin. Simpson, Barton, Dis. Medical Clinic. (Sections) Dis.		Nose and Throat Section, Watson. Dis.	Medical Clinic, Prof. Irwin. Prof. Williams. Dr. Bradley. Dr. Poehler.	Gynecol. Clinic, 1/2 Class. Simpson. M. C. H. Dis.
2-3	*Operative Surg. Dr. Macnie. Anatomy Laboratory.	Neurology, Prof. Crafts. Room C.	Pathology, Prof. Schwyzer. C. & C. H. St. J. H.	Operative Gynaecology, Dr. Barton. Room B.	M. C. H. St. B. H. Dis. Asb. H.	Diseases of the Eye and Ear, Prof. Spratt. Room C.
3-4		Obstetrics, Prof. Hallowell. Room A.	Medical Clinic, Prof. Meade. Dr. Denny. Dr. L. C. Bacon. Dr. Knox Bacon. Dr. Allen, Nose and Throat Clinic. Dr. Bettingen.	Obstetrics, Prof. Hallowell. Room A.	Dermatology, Gen. Urinary Dis. Prof. Thomas. Room B.	Medical Clinic, Prof. Moore. St. B. H.
4-5	*Psychological Medicine. Prof. Bartlett. Room C.	Medical Clinic, Prof. McDonald. M. C. H.		Dental Path. and Therapeutics, Dr. Kremer. Room C.	Neurology Clinic, Prof. Crafts. M. C. H. Asb. H.	

* One Half Session.

M. C. H.—City Hospital. Asb. H.—Asbury Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hospital. Sw. H.—Swedish Hospital. Dis.—College Dispensary. St. Jos. H.—St. Joseph's Hospital. St. Paul. C. & C. H.—City and County Hospital, St. Paul.

Text-Books.

The last edition of the following works are recommended as text-books and for collateral reading:

ANATOMY.

Text-books.—Morris, Gray, Quain, Gerrish.

Collateral Reading.—Weisse's Practical Human Anatomy. McLellan's Regional Anatomy. Humphrey's Human Skeleton. Harrison Allen's Anatomy.

HISTOLOGY AND EMBRYOLOGY.

Text-books.—Piersol, Klein, Minot.

Collateral Reading.—Marshall's Vertebrate Embryology. Schaefer's Essentials of Histology. Stohr's Manual of Histology. Quain's Anatomy.

PHYSIOLOGY.

Text-books.—Foster, American Text-book of Physiology.

Collateral Reading.—Kirke's Handbook of Physiology. Waller, Human Physiology. Hermann's Lehrbuch der Physiologie. Halliburton's Text-book of Chemical Physiology. Fick, Compendium der Physiologie.

GENERAL CHEMISTRY.

Text-books.—Remsen's Briefer Course. Appleton's Qualitative Analysis.

MEDICAL CHEMISTRY.

Text-books.—Purdy's Ureanalysis and Urinary Diagnosis. Reese on Toxicology.

Collateral Reading.—Robert's Urinary and Renal Diseases. Ultzmann and Hoffmann's Atlas der Harnsedimente. Taylor on Poisons. Hammarsten's Physiological Chemistry. Vaughan and Novy's Ptomaines and Leucomaines.

MATERIA MEDICA AND THERAPEUTICS.

Text-books.—White, Butler. Hare's Practical Therapeutics.

Collateral Reading.—Brunton's Pharmacology, Therapeutics and Materia Medica. National Dispensary. H. C. Wood's Therapeutics.

PATHOLOGY.

Text-books.—Stengel. Delafield and Prudden. Ziegler.

Collateral Reading.—Ribbert. Pathologische Histologie. Mallory and Wright, Pathological Technique. Thoma, Pathologische Anatomie.

BACTERIOLOGY.

Text-books.—Fraenkel. Abbott.

Collateral Reading.—MacFarland, Heim, Sternberg.

THEORY AND PRACTICE OF MEDICINE.

Text-books.—Tyson's Practice of Medicine. Ander's Practice of Medicine. Thompson's Practice of Medicine. Eichorst Practice. Musser Medical Diagnosis.

Collateral Reading.—Strümpell's Text-book of Medicine. Osler's Practice of Medicine. Pepper's System of Practical Medicine. Allbutt's System of Medicine. Eulenburg's Real-Encyclopædia der Gesamnten Heil-Kunde. Twentieth Century Practice of Medicine. Salinger-Kalteyer.

PHYSICAL DIAGNOSIS AND CLINICAL MEDICINE.

Text-books.—Jakob Atlas of Internal Medicine. Vierordt's Medical Diagnosis. Musser's Medical Diagnosis. Strümpell's Text-book of Medicine.

Collateral Reading.—Osler's Practice of Medicine. Fagge and Pve-Smith's Practice of Medicine. Twentieth Century Practice of Medicine.

PRINCIPLES AND PRACTICE OF SURGERY.

Text-books.—Roswell Park's Surgery. American Text-book of Surgery. Macdonald's Surgical Diagnosis and Treatment.

Collateral Reading.—Cheever's Lectures on Surgery. Warren's Surgical Pathology. Stephen Smith's Operative Surgery. Treve's Manual of Operative Surgery. Dennis System of Surgery. Greig Smith's Abdominal Surgery.

OBSTETRICS.

Text-books.—Parvin, Playfair, Hirst, Lusk, King's Manual, Dorland's Manual.

For reference—American Text-book of Obstetrics. Schaeffer's Obstetric Diagnosis and Treatment. Schaeffer's Labor and Operative Obstetrics. Grandin and Jarmin. Davis' Obstetric and Gynæcologic Nursing.

GYNAECOLOGY.

Text-books.—Thomas and Munde's Diseases of Women. Byford. Penrose. Playfair. Massey.

Collateral Reading.—Skene's Diseases of Women. Keating and Coe's Clinical Gynæcology. Pozzi's Treatise on Gynæcology.

PEDIATRICS.

Text-books.—Holt's Diseases of Infancy and Childhood. Starr. Rotch's Pediatrics.

Collateral Reading.—Jacobi's Therapeutics of Infancy and Childhood. Kaeting's Cyclopedia of the Diseases of Children.

NERVOUS DISEASES.

Text-books.—Potts' Nervous and Mental Diseases. Jakob Oppenheim's Diseases of the Nervous System. Church and Peterson's Nervous and Mental Diseases. Dercum's Nervous Diseases by American Authors. Mills' The Nervous System and its Diseases. Gowers' Diseases of the Nervous System. Bramwell's Diseases of the Spinal Cord.

Collateral Reading.—Dana's Text-book of Nervous Diseases. Strümpell's Text-book of Medicine. Sachs' Nervous Diseases of Children. Harter's Manual of Diagnosis of Nervous Diseases. Gordinier's Anatomy of the Nervous System.

MENTAL DISEASES.

Text-books.—Clouston. Spitska. Chapin.

Collateral Reading.—J. Bevan Lewis. Hyslop, Mental Physiology. Kraepelin, Psychiatric. Tuke's Dictionary of Psychiatric Medicine.

DERMATOLOGY.

Text-books.—Hyde. Jackson.

Collateral Reading.—Duhring. Robinson. Van Harlingen. Taylor.

GENITO-URINARY.

Text-books.—White and Martin. Harrison. Morrow.

PREVENTIVE MEDICINE.

Text-books.—Wilson's Handbook of Hygiene. Abbott's Hygiene of Transmissible Diseases. Rohe's Text-book of Hygiene. Egbert's Hygiene of Sanitation.

Collateral Reading.—Buck's Hygiene and Public Health. Copelin and Bevan's Practical Hygiene. Richardson's Preventive Medicine.

LEGAL MEDICINE.

Text-book's.—Taylor's Manual of Medical Jurisprudence.

Collateral Reading.—Witthaus and Becker. Reese's Medical Jurisprudence. Hamilton's American System of Legal Medicine. Tidy's Legal Medicine.

OPHTHALMOLOGY.

Text-books.—Fricke. Noyes.

Collateral Reading.—Schweinitz. Fuchs. Loring on the Ophthalmoscope. Landolt on Refraction and Accommodation.

OTOLOGY AND RHINOLOGY.

Text-books.—Field. Politzer. Hovell, Diseases of the Ear and Naso-Pharynx and Ear.

Collateral Reading.—Buck's Manual of Diseases of the Ear. Schwartze, Handbuch der Orenheilkunde. Bosworth.

CLINICAL MICROSCOPY.

Text-books.—Simons' Manual of Clinical Diagnosis.

Collateral Reading.—Cabot's Clinical Examination of the Blood. Von Jaksch's Clinical Diagnosis. Lenhartz' Mikroskopie u Chemie am Krankenbett.

MEDICAL DICTIONARIES.

Lippincott's Medical Dictionary. The American Illustrated Medical Dictionary. Gould's Medical Dictionary. Foster's Encyclopædic Medical Dictionary. Dunglison's Medical Dictionary. Downer's Medical Dictionary.

EXAMINATIONS.

The final examination in every subject is held at the close of the school year. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly

held at the end of each session. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued on request, showing the results of examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 85 per cent of the lectures.

The reports of examinations will be mailed to the students, if desired, at the college or at such other addresses as they may direct, after the examinations are completed, and they must not call on the examiners or the Dean for reports.

REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D. C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least eight months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

FEEES AND EXPENSES.

Students of this college will be uniformly charged as follows:
 Matriculation fee, payable first year of attendance only.... \$5.00
 General ticket, payable each year of attendance (including all charges for lectures, clinics, examinations, diplomas, etc) 75.00

Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of \$50.00

Material in practical anatomy, per part 7.50

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

Fees are paid invariably in advance.

The college reserves the right to change the fees at any time through publication in its annual announcement.

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

BOARD AND LODGING.

The expense of living in Minneapolis is less than in most other large cities. Students obtain board and room-rent for \$20.00 a month or less, and this sum may be considered adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

LEO M. CRAFTS, M. D., DEAN,
606 Masonic Temple,
Minneapolis, Minn.

Students.

FOURTH YEAR.

ALLEN, JOSEPH M., D. V. S.,	<i>Wheaton</i>
BARTON, EDGAR R.,	<i>Minneapolis</i>
BIORN, NELS. A.,	<i>Zumbrota</i>
BLOOM, W. D.,	<i>St. Paul</i>
BURTON, PAUL H.,	<i>Minneapolis</i>
CARLSON, SWAN A.,	<i>St. Paul</i>
CARPENTER, GRANT S.,	<i>Minneapolis</i>
DENTON, LYMAN W., M. D., PH. D.,	<i>Minneapolis</i>
DEVEREUX, THOS.,	<i>Minneapolis</i>
DORAN, CHARLES W., B. A.,	<i>Brandon, Manitoba</i>
FOX, JOHN M.,	<i>Corcoran</i>
GOLBERG, MARTIN L., B. S.,	<i>Kenyon</i>
GRONVOLD, FREDERICK O.,	<i>Norway</i>
KRON, LAURITZ O.,	<i>Rothsay</i>
LUTHER, CLARA M.,	<i>Minneapolis</i>
MELLBY, OSCAR F.,	<i>New Richland</i>
MOORE, GEORGE B.,	<i>Maple Lake</i>
MURPHY, GUY D.,	<i>Delano</i>
MUUS, P. H., B. A.,	<i>Norway</i>
OFTEDAL, ARNE,	<i>Buxton, N. D.</i>
PECK, ARTHUR E., D. D. S.,	<i>Minneapolis</i>
ROBERTS, EMMA J.,	<i>Minneapolis</i>
SCOFIELD, FRANK L.,	<i>Ellsworth, Wis.</i>
SPEAR, EDGAR D.,	<i>Minneapolis</i>
SWENSON, AXEL W.,	<i>St. Paul</i>
THEISSEN, WILLIAM M.,	<i>Henderson</i>
WALKER, STUART B.,	<i>Buffalo</i>
WOODWORTH, ELIZABETH,	<i>Minneapolis</i>

THIRD YEAR.

BRUSTAD, AXEL,	Minneapolis
CONNELLY, VILROY M., D. V. S.,	Minneapolis
CRAMOND, JAMES E.,	Langdon, N. D.
DEERTZ, JOHN J.,	Minneapolis
HELK, HENRY H.,	Minneapolis
HIRSCHFIELD, MAX P.,	Minneapolis
HOLEN, THORVALD	Minneapolis
HOVORKA, THOS. J., PH. M. D.,	Silver Lake
HUMPHREY, EDWIN W., D. V. M.,	South Dakota
JOHNSON, OTTO F.,	St. Paul
KAHALA, ARTHUR A.,	Minneapolis
KING, NELSON M., D. M. D.,	Minneapolis
LARSEN, HARRY A.,	Minneapolis
MCCANN, GEORGE E.,	Minneapolis
MCDUGALD, D. W. S.,	Minneapolis
MCEACHERN, WALTER A.,	Sandstone
MONAHAN, JOHN A.,	Minneapolis
MORRILL, HARLAN J.,	Wahpeton, N. D.
MOULTON, RACHEL,	Pleasant Valley, Wis.
NICHOLSON, EDWARD,	Rosemount, N. D.
OGG, JOHN J.,	Minneapolis
POEHLER, FRED C.,	Minneapolis
POWERS, FLETCHER W.,	St. Paul
QUITMEYER, OTTO C.,	Parhars Prairie
RITCHIE, CYRUS K.,	Bloomington
SANDBORG, FREDERICK S.,	Minneapolis
SOLSNESS, LARS P., B. A.,	Minneapolis
STRECH, IRWIN D.,	Minneapolis
SWAINY, SVEN O.,	Minneapolis
TINGDALE, AUGUST C.,	Minneapolis
THOMPSON, ALBERT S.,	Mt. Horet, Wis.
WOODARD, ADELAIDE,	St. Paul

SECOND YEAR.

ABBOTT, JOHN D.,	St. Paul
AMUNDSON, ORIN C.,	Minneapolis
BEEBE, JAY L., PH. G., B. S.,	Lake Crystal
BENN, FERDINAND G.,	Minneapolis
CALDWELL, D. K., PH. B.,	St. Paul
CHEDECK, BENJAMIN H.,	Minneapolis

COFFIN, GEORGE H.,	Lyndale
COOPER, DENTON J.,	Butler, N. D.
EKREM, JOHN M.,	Bangor, S. D.
FITZGIBBON, JAMES L.,	Minneapolis
FRIBERG, CARL P.,	Minneapolis
GAG, EDWARD W.,	Cottonwood
GARDNER, IRWIN A.,	Minneapolis
GOSSLEE, GILBERT L.,	Tracy
HEIMARK, JACOB H.,	Clarkfield
JONSON, AUGUST E.,	Minneapolis
KENNEDY, WILLIAM J.,	Minneapolis
KERMOTT, LOUIS W.,	Fort Totten, S. D.
KOSHABA, JOSEPH,	Minneapolis
KREMER, F. B., D. D. S.,	Minneapolis
LIMA, LUDWIG,	Cooperstown, N. D.
LORD, BERTRAM E.,	Minneapolis
MELECH, HARRY N.,	Minneapolis
MOYNIHAN, ANDREW F.,	River Falls, Wis.
NELSON, EDWARD H.,	Minneapolis
OFTEDAL, HANS,	Minneapolis
OHINSTAD, JENS,	Deer Forest, Wis.
OWRE, OSCAR,	Minneapolis
PLEHN, JOHN F.,	Minneapolis
POIRIER, ALEX J.,	Minneapolis
RANDALL, AUVIGNE,	Kingston
SCOFIELD, MARY L.,	Ellsworth, Wis.
SHERMAN, LEE A.,	Minneapolis
SWENSON, CHARLES,	Rush City
THOM, JAMES,	Grandin, N. D.
TORLAND, ASBJORN,	Minneapolis
WATSON, FREDERICK G.,	Wood Lake
WENGER, FERDINAND A.,	St. Paul
WERNER, NELS L.,	Diamond Bluff, Wis.
WESTLEY, MARTIN D.,	Cooperstown, N. D.
WESTON, F. B.,	Minneapolis
WHITTEMORE, ARTHUR A.,	Drayton, N. D.
YOUNG, VICTOR A.,	Minneapolis

FIRST YEAR.

ANDERSON, GEO. A.,
BENSON, OSCAR,
CLEMENTS, STANLEY J.,
ERICKSON, EMIL T.,
HAGEN, GILBERT L.,
HEIMARK, ANDREW J.,
HOFF, GUSTAV,
LAMPE, HARRALD,
LARSEN, CARL L.,
LARSON, OSCAR A.,
LIVINGSTON, WILL,
MOORE, JOSIAH C.,
MUSGRAVE, JOHN HALL, LL. B.,
NICHOLS, JOHN H.,
OFSTAD, ARNT E.,
PAULSON, ANDREW J.,
PETERSON, ALFRED C.,
REYNOLDS, FLOYD E. L.,
RILEY, WM. W.,
ROMEYN, BLANCHE,
SARAZIN, JOSEPH J.,
SCHELDE, EDWIN M., B. S.,
SIVERTSEN, IVAR,
TEIGEN, MARGARET,
WILSON, HUGH S.,

Minneapolis
Appleton
Faribault
Vining
Minneapolis
Clarkfield
Zumbrota
St. Paul
Minneapolis
Minneapolis
St. Paul
Minneapolis
Minneapolis
Minneapolis
Stod
Cokato
Amloy
Erin, Wis.
Minneapolis
Minneapolis
Minneapolis
Minneapolis
Fargo, N. D.
Minneapolis

SUMMARY.

Fourth year	28
Third year	32
Second year	43
First year	25
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Total	128

DEGREES.

On commencement day, Thursday, June 7, 1900, degrees were conferred on the following:

M. D., C. M. *Cum Laude.*

KOHLER, GEO. A., PH. G.	SCHEFCIK, J. FRANCIS, PH. G.,
MILLER, VICTOR J.,	VAN KIRK, FRANK J.,
O'CONNOR, JERRY P.,	

M. D. C. M.

BROWN, EDWARD J.,	McKEON, OWEN,
CHANCE, JENNER P.,	MINTENER, JOHN W.,
FONGER, JAMES H.,	OVERG, EMANUEL,
GILL, JOHN R.,	SHERPING, ERIC H., B. A.,
HOUSTON, HUGH E.,	SKOGEN, THOMAS T.,
KREIDT, DANIEL G.,	SHELLAND, JOHN T

Alumni.

ATHERTON, C. O.....	1891
BAIER, FLORENCE C.....	1897
BAKKE OLE	1896
BLISS, GEORGE WILLIS.....	1895
BERGQUIST, CARL E.....	1897
BEVAN, CHARLES J.....	1897
BJORNEBY, PETER C.....	1897
BLOMBURGH, AXEL F.....	1897
BLAKESLEE, FRANK	1897
BONG, JOHN H.....	1897
BEMIS, CATHERINE A.....	1896
BROWN, EDWARD I.	1900
BURLINGAME, R. M.	1899
CARTER, JOSEPH A., B. A.....	1898
CHANCE, JENNER P.....	1900
CHURCH, RICHARD J.....	1895
CLARK, EDWARD J.....	1898
CLAU, EDWARD M.....	1893
CONYNGHAME, E. F.....	1886
CRESWELL, WILLIS W.....	1897
DAILY, MILTON	1895
DAVID, OSCAR F.....	1893
DEALEY, JULIA	1897
DOBSON, WILLIAM C.....	1896
DINAHAN, RICHARD M.....	1897
DORAN, JOHN E.....	1898
DONAHUE, D. J.....	1899
DUMAS, CALIXTE H. D.....	1896
DOUGLAS, ELMER E.....	1894
DYRNES, JOHN O.....	1897
EGAN, MICHAEL	1891
ESSEN, CARL A. C.....	1895
FARNESSE, C. W.....	1888
FARR, JOHN M.....	1897
FLATTEN, AMOS	1890

FLEMING, ALOYSIOUS S.....	1897
FONGER, JAMES H.....	1900
FOWLER, FRED H.....	1897
GENDRON, JULES	1896
GILL, JOHN R.....	1900
GLIM, NELS N.....	1898
GORDON, DAVID	1897
GYLLENBURG, JENNIE	1890
HEFFLIN, H. NELSON	1895
HALVORSON, K. K.....	1889
HELGERSON, SIGRID	1894
HETLAND, C. L.....	1893
HOUSTON, HUGH E.....	1900
HOVORKA, WENCESLAUS	1897
HUBBARD, EDWARD E.....	1894
HYNES, JAMES	1899
JACKSON, CAROLYNE E.....	1897
JAMES, ROBERT J.....	1899
JAMESON, ADELINE P.....	1895
JERMAN, WILLIAM L.....	1897
JONES, JAMES D.....	1899
JOHNSON, LEWIS O.....	1898
KIRKHOFF, EDWARD H.....	1899
KILBRIDE, THOMAS F.....	1894
KJELLAND, JACOB S.....	1898
KJELLAND, THORSTEN N.....	1898
KOHLER, GEO. A., PH. G.....	1900
KNOTZ, JOHN	1897
KOHLER, FRED G.....	1897
KOPPLEBERGER, HARRY W.....	1897
KRESEL, W. A.....	1897
KRIEDT, DANIEL J.....	1900
LEWIS, ARTHUR J.....	1895
LIND, CARL J.....	1897
LOBERG, ADOLPH	1899
LOCKWOOD, LEBARON S. O.....	1894
LOWTHIAN, GEORGE H.....	1894
LYONS, ADAM	1898
MALCHOW, CHARLES W.....	1894
MASON, CHARLES H.....	1899
MCCOHN, HANNAH	1890
McKEON, PHILIP	1895

McKEON, JAMES	1890
McKEON, OWEN	1900
MILLER, ROCH P.....	1898
MILLER, FRED C.....	1899
MILLER, HUGO	1896
MILLER, VICTOR J.	1900
MINTENER, JOHN W.....	1900
MOORE, FRANCIS A.....	1893
MONOHAN, P. H.....	1886
MURPHY, WILLIAM B.....	1897
MURRAY, WILLIAM B.....	1890
OBERG, OSCAR	1898
OBERG, CARL M.....	1899
OBERG, EMANUEL	1900
O'BRIEN, H. JEFFERSON	1895
O'CONNOR, JERRY P.....	1900
OLSON, JENNIE D., M. D.....	1890
OWRE, ALFRED	1895
ROYCE, ROLAND	1885
RAINVILLE, SAMUEL	1897
RALEIGH, ROSWELL B.....	1894
REEVE, EDWARD A. T.....	1897
REMICK, LOUIS B.....	1895
RIDGWAY, ALEXANDER	1894
RIDGWAY, JOSEPH	1894
REINHARDT, WALLACE A.....	1896
ROSENTHAL, SIGMOND	1896
RYAN, JENNIE	1893
ROBERTS, FLOYD J.....	1899
ROGERS, GEORGE M. F.....	1899
SASSE, ERNEST G.....	1899
SCANLON, DANIEL L.....	1899
SCANLON, WILLIAM	1896
SCHEFCIK, J. FRANCIS, PH. G.....	1900
SCHLEGEL, HENRY E.....	1897
SCOTT, ERNEST H.....	1888
SHERPING, ERIC, PH. B. A.....	1900
SIMPSON, J. K.	1884
SKOGEN, THOMAS T.....	1900
SHELLAND, JOHN T.....	1900
SOUR, STEPHEN D.....	1896
SCHULEAN, NELLIE	1893

TANNER, FRANCIS G.....	1895
TAYLOR, HENRY H., D. M. D.....	1895
TESSIER, W. O.....	1887
TREAT, VEEDER G.....	1894
TUKE, HENRY C.....	1896
VANDAMME, WILLIAM	1885
VAN KIRK FRANK J.....	1900
VELINE, OLAF J.....	1897
WARHAM, T. T.....	1897
WARNE, EDWIN G., D. D. S.....	1897
WATSON, CHARLES W.....	1897
WENDT, SAMUEL M.....	1897
WHETSTONE, RAY S.....	1897
WHITING, ARTHUR D., D. M. D.....	1895
WIIG, IVER C. J.....	1896
WILCOX, T. E.....	1897
WILLIS, ELLEN E. A.....	1899
WILLIAMS, THEODORE F.....	1890
WITHROW, MORRILL E.....	1897
WILLIAMSON, LUTIE L. S.....	1897
YOUNG, EUGENE W.....	1896

Alumni Association of the Medical Department.

(Minneapolis College of Physicians and Surgeons.)

ORGANIZED APRIL 11, 1894.

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

Summary of Students.

College of Liberal Arts.

Post Graduate.....	11	
Senior Class	32	
Junior Class	20	
Sophomore Class	26	
Freshman Class	52	
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Preparatory Department.

Third year	19	
Second year	38	
First year	45	102
Department of Music		15
Department of Elocution		69

College of Medicine.

Fourth year.....	28	
Third year.....	32	
Second year	43	
First year.....	25	128
Total.....		518
Counted Twice		70
Total Enrollment.....		448

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Hamline University

College of Liberal Arts,
Hamline, Minn.

College of Medicine,
Minneapolis, Minn.

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1901-1902

CATALOGUE

OF

Hamline University.

College of Liberal Arts,
Hamline, Minn.

College of Medicine,
Minneapolis, Minn.

1901-1902.

CALENDAR.

- 1902—September 16, *Tuesday*, Fall Term begins.
September 16, *Tuesday*, Entrance Examinations.
December 18-19, *Thursday-Friday*, Term Examinations.

VACATION OF TWO WEEKS.

- 1903—January 6, *Tuesday*, Winter Term begins.
March 19-20, *Thursday-Friday*, Term Examinations.
March 20, *Friday*, Winter Term ends.
March 31, *Tuesday*, Spring Term begins.
May 25-26, *Monday-Tuesday*, Senior Examinations.
June 7, *Sunday*, 10:30 A. M., Baccalaureate Sermon.
June 8-9, *Monday-Tuesday*, Term Examinations.
June 9, *Tuesday*, 3 P. M., Address before the Historical Society.
June 9, *Tuesday*, 8 P. M., Class Day Exercises.
June 10, *Wednesday*, Alumni Day.
June 10, *Wednesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.
June 11, *Thursday*, 2 P. M., Annual Commencement.

CORPORATION.

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TERM EXPIRES 1902.

BISHOP ISAAC W. JOYCE, D. D.,
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TERM EXPIRES 1903.

HON. H. R. BRILL, LL. D.,
HON. J. T. WYMAN,
S. S. THORPE, Esq.,
PROF. E. F. MEARKLE, LL. B.,
COL. PERRY HARRISON,
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MINNEAPOLIS.
HAMLINE.
MINNEAPOLIS.
MINNEAPOLIS.

TERM EXPIRES 1904.

*REV. CYRUS BROOKS, D. D.,
WILLIAM MOSES, Esq.,
B. F. NELSON, Esq.,
REV. ROBERT FORBES, D. D.,
M. W. SAVAGE, Esq.,

ST. PAUL.
ALEXANDRIA.
MINNEAPOLIS.
DULUTH.
MINNEAPOLIS.

TERM EXPIRES 1905.

REV. J. F. CHAFFEE, D. D.,
F. A. CHAMBERLAIN, Esq.,
REV. G. H. BRIDGMAN, D. D., L. L. D.,
HON. W. H. EUSTIS,
WATSON S. MOORE, Esq.,

MINNEAPOLIS.
MINNEAPOLIS.
HAMLINE.
MINNEAPOLIS.
DULUTH.

*Deceased.

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Minnesota Conference.

[Who are also ex-officio Trustees.]

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REV. M. G. SHUMAN, A. M.
REV. T. H. WILKINSON, A. M.
REV. E. H. GOODELL, A. M.
REV. J. M. BROWN, A. M.
REV. W. C. RICE, A. M.
REV. G. W. HICKMAN, A. M.

Northern Minnesota Conference.

REV. WILLIAM FIELDER, D. D.
REV. J. B. HINGELEY, D. D.
REV. E. C. CLEMANS, A. M.
REV. T. W. STOUT, A. M.
REV. J. W. POWELL, JR., A. M.

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[Who are Executive Committee ex-officio.]

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College of Liberal Arts.



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REV. GEORGE H. BRIDGMAN, D. D., LL. D., *President,*
Professor of Ethics and Christian Evidences.

LOREN H. BATCHELDER, A. M., DEAN,
Carrie E. Widstrand Professor of Chemistry and Physics.

REV. GEORGE S. INNIS, PH. D., D. D.,
Professor of History.

ERASTUS F. MEARKLE, LL. B.,
Rebecca M. Harrison Professor of Political Economy.

HENRY L. OSBORN, PH. D.,
Professor of Biology and Geology.

WILLIAM E. THOMPSON, A. M.,
Joseph Dean Professor of the Latin Language and Literature.

ARTHUR Z. DREW, A. M.,
James McLaughlin Professor of Mathematics.

R. WATSON COOPER, A. B.,
Professor of English Literature.

JAMES S. KING, A. B.,
Professor of Greek and Modern Languages.

ALTA M. BARKER, PH. B.,
Preceptress.

ELEANOR MILLER,
Elocution.

MRS. HENRY L. OSBORN,
Piano.

WILLIAM H. CLARK,
Vocal Music.

JOHN A. VANDYKE, A. M.,
Lecturer on Pedagogics.

JESSE J. MANTHEY,
Instructor in German.

D. PAUL RADER,
Physical Director.

C. W. JARVIS,
Assistant in Chemical Laboratory.

BESSIE M. GATES,
Assistant in Latin.

LOUIS C. WINSHIP,
Demonstrator in Zoology.

C. C. TYRRELL,
Assistant in Museum.

ANNA M. DAVIS, A. M.,
Librarian.

ARTHUR Z. DREW, A. M.,
Registrar.

COLLEGIATE DEPARTMENT.

STUDENTS.

Post Graduate.

BRINK, MABEL W.,	Political Science,	<i>East St. Louis, Ill.</i>
CAHOON, GUYBERT A.,	History,	<i>Goodhue</i>
COLEMAN, FRED,	History,	<i>Cottonwood</i>
DOOR, ELLA S.,	History,	<i>Hamline</i>
DYER, WILLIAM P.,	History,	<i>Slayton</i>
EDMUNDS, W. MORLEY,	History,	<i>Hamline</i>
KEMERER, S. W.,	History,	<i>Boston, Mass.</i>
NELSON, ADOLPHUS P.,	Political Science,	<i>Grantsburg, Wis.</i>
WHEELER, BERT W.,	Education,	<i>Duluth.</i>

Senior Class.

ALBERTSON, CHARLES N.,	Volga, S. D.
ALLIN, FRED W.,	Hamline
ATKINS, EUNICE M.,	Elk River
BABCOCK, WM. G.,	Racine
BENSON, LOIS,	Heron Lake
BRADY, STELLA M.,	Dodge Center
COLEMAN, HELEN,	Hamline
GATES, BESSIE M.,	Red Wing
GEER, JAMES A.,	Galt, Ontario
GILLETTE, ALMA E.,	Hamline
GOLD, EDITH M.,	Bigstone, S. D.
GRIFFIN, ARTHUR D.,	Hamline
HEAL, PEARL,	Hamline
HILL, JENNIE E.,	Hamline
IDE, HERBERT P.,	Forest Lake
JARVIS, CHARLES W.,	Blue Earth City

JENNINGS, PEARL,	St. Paul
JOHNSON, ROBERT C.,	Hamline
KERN, WILLARD,	Hamline
KINNEY, GEO. V.,	Benson
LIBBEY, S. WILLIAM,	Red Wing
LUND, AXEL B.,	Dawson
MCCORMICK, JOHN D.,	Owatonna
McKENZIE, DONALD,	Hamline
MANTHEY, JESSE J.,	Winona
MARTIN, J. ROYAL,	Hamline
SMITH, ESTHER E.,	Austin
STARK, MARY B.,	Harris
TYRRELL, C. C.,	Bellwood, Neb.
WALLACE, CHARLES H.,	Pembina, N. D.
WINSHIP, LOUIS C.,	Hamline
ZIMMERMAN, ANNIE,	Spring Valley

Junior Class.

BEVANS, JULIA A.,	St. Paul
BROBECK, DIANA H.,	Kenyon
CRAWFORD, WALTER M.,	Hamline
EGINTON, CHARLES,	Hayfield
FOSTER, RALPH H.,	Winona
HANSON, AMANDA J.,	Anoka
HUSER, EDNA I.,	Cumberland, Wis.
INNIS, ETHELWYN,	Hamline
KERR, CATHERINE S.,	Minneapolis
LOWE, JOHN,	Hamline
MCCOMBS, VERNON M.,	Hewitt
MCCREA, C. H.,	Hamline
MARLATTE, EDWARD T.,	New York City
PARSONS, E. DUDLEY,	St. Paul
PEMBERTON, JOHN L.,	Hamline
PROSSER, MYRTLE,	Preston
PROSSER, ROSE,	Preston
STERLING, ALICE H.,	Red Wing
SWINNERTON, T. N.,	Hamline
TERRY, SELINA M.,	Slayton
WYLIE, LULU E.,	Drayton, N. D.
ZIMMERMAN, S. A.,	Elizabeth

Sophomore Class.

ALLIN, ERNEST A.,	Hamline
BARKULOO, WM. C.,	Lester Prairie
BEARDSLEY, GRANT S.,	Faribault
BILLING, BEATRICE M.,	St. Francis
BRADFORD, ETHEL E.,	Monticello
BRIDGMAN, DONALD E.,	Hamline
CANDELL, GRACE C.,	Lake City
CANDELL, PEARL S.,	Lake City
CHAMBERLIN, GRACE E.,	Dodge Center
CRAWFORD, R. A.,	Hamline
DEGRAFF, CHARLES W.,	Ellendale, N. D.
DUFF, DARDANIA,	Hamline
FOSTER, MABEL G.,	Winona
FOSTER, THOMAS,	Hector
GILLIS, WM. H.,	Pine Island
GOULD, RAYMOND D.,	Excelsior
IDE, A. LEWIS,	Forest Lake
INWOOD, ANNA M.,	Hamline
KOCH, CLINTON H. S.,	Hamline
LEE, RAYMOND R.,	Merriam Park
MCGANDY, GRACE L.,	Merriam Park
MILLIE, MARGARET L.,	Hancock
NELSON, FRED C.,	Plainview
PIPER, WM. H.,	Wabasha
RANDOLPH, HARRY B.,	Valley City, N. D.
RICE, BERYL L.,	Hamline
ROBSON, EUNICE B.,	Red Wing
RULE, LULU,	St. Paul
SHEPHERD, SUSIE L.,	Hamline
SMITH, BEATRICE,	Brown's Valley
TRAPP, HERBERT A.,	Dodge Center
WHITNEY, MAUDE E.,	Princeton
WINSTON, MATTIE D.,	Hamline
WOOD, IRVING B.,	Hamline
WRIGHT, HELEN E.,	Hamline

Freshman Class.

ALLEN, WM. B.,	Dundas
BEALL, HOLLY M.,	Wabasha
BER, ADELAIDE,	Morris
BILLING, ARCHIE S.,	St. Francis
CROSBY, ERLE B.,	Kasson
DAGGETT, NELLIE M.,	Hayfield
DAVIS, NELLIE G.,	Glencoe
DONALDSON, CHARLES M.,	Tracy
EMERY, EDNA P.,	Fulda
FOLTZ, MAJORIE,	Hamline
FOSTER, ROBERT M.,	Hector
GEISER, HELEN M.,	Monticello
GIBBERSON, ANNA M.,	Farmington
GIBBERSON, WM. J.,	Farmington
GILLIS, EDITH M.,	Pine Island
GILMORE, CHARLES E.,	Lake Crystal
GOODSELL, MABEL A.,	Grand Meadow
GREAVES, GRACE E.,	Glencoe
HICKMAN, LAURA A.,	Slayton
HILLMAN, HARRY L.,	Greenwich, N. Y.
JONES, SARA M.,	Luverne
KOCH, LEONORA E.,	Hamline
KRAFT, ROSE E.,	Farmington
LINDAHL, MARGARET,	Winnebago City
MCCORD, FRANK B.,	Annandale
MATCHETT, ISABELLA M.,	Hamline
MORSE, FRANK S.,	Slayton
PETERSON, FRANCES,	Geneva
ROBINSON, S. FORD,	Hamline
ROBSON, MAUDE A.,	Red Wing
SCHLICHTING, FLORENCE C.,	Kasson
SHEPHERD, MARY C.,	Hamline
TEMPLE, STERLING N.,	Morristown
WALLACE, ERNEST F.,	Hamline

Specials.**(a)**

ALBERTSON, CLAUDE C.,	Volga, S. D.
ANDREWS, ARTHUR P.,	Bloomer, Wis.
BELDEN, ELSIE,	Montrose
BERGH, ELMER V.,	Plentywood, Mont.
BRADY, J. ALLEGRE,	Dodge Center
CHARITAN, JOHN WESLEY,	Boardman, Wis.
CLEMENT, ANNA M.,	Grafton, N. D.
CLULOW, GEORGINA,	Brainerd
COCHRAN, EDWARD,	Drayton, N. D.
CRAIG, JOHN C.,	Merriam Park
DAVIDSON, ELIZABETH,	New Rockford, N. D.
DRESBACH, J. R.,	Dodge Center
DUNN, A. P.,	Winnebago City
ELLISON, CHARLES E.,	St. Paul
ELLISON, JAY,	Hamline
EVANS, ELIZABETH,	Racine
GILMORE, WALTER V.,	Mabel
GRAHAM, MYRTA,	Little Falls
GUNTHER, HORACE,	Edgeley, N. D.
GUSE, HERMAN,	Hamline
JOHNSON, MRS. LOU,	Hamline
JOHNSTON, GERTRUDE,	Glenwood, Wis.
JULIEN, ALBERT E.,	Braham
KEAST, CHARLES P.,	Hamline
KIEF, ANNA M.,	Murdock
LASELL, MABEL,	Waubay, S. D.
McMURRAY, H. G.,	Park River, N. D.
MASSEE, CHARLES,	River Falls
MILLER, RAY O.,	Hamline
MITCHELL, HOWARD W.,	Washburn
MOWER, LEON G.,	Ada
NELSON, MARSHALL,	Osceola, Wis.
OLESEN, PETER,	Hamline
OLSON, ELIZABETH,	Afton
PERSINGER, FLOYD T.,	Howard Lake
RADER, DANIEL PAUL,	St. Paul
RANDOLPH, MARION G.,	Valley City, N. D.
SAUNDERS, ROY,	Parkers Prairie

SCHLATTMAN, EDWARD C.,	Alberta
SCHWEITZER, F. R.,	Alma, Wis.
SECO, JOHN H.,	St. Paul
STEVENS, LAURA E.,	Ortonville
STEWART, SPURGEON D.,	Williston, N. D.
STOCKDILL, M. CARLOTTA,	Hamline
SWENSON, JOHN W.,	Hamline
TAYLOR, WALTER R.,	Hamline
THOMAS MARGARET,	Faultkon, S. D.
THOMPSON, FRANK A.,	Dodge Center
TUCKER, JAMES H.,	Hastings
WORMAN, OSCAR E.,	Marshall

(b)

BABBIDGE, MARIE A.,	Hamline
BELL, MAUDE,	New Richmond, Wis.
BENDIXEN, MAYETTE,	St. Paul
BOOTHBY, GRACE,	Hammond, Wis.
CLOW, VICTOR,	Humbolt
COONEY, WM. E.,	Casselton, N. D.
CROONQUIST, CHARLES L.,	Kensal, N. D.
DAVIDS, MYRTLE,	Tracy
DAVIS, AVERY J.,	Menomonie, Wis.
HALL, EDITH,	Rochester
HECKERT, KATHRYN E.,	Marietta
KAHL, JOSEPH A.,	Radcliffe, Ia.
KENNEDY, DUNCAN L.,	Marshall
McMURRAY, MABEL,	Park River, N. D.
RADER, MARY M.,	St. Paul
RUENITZ, HARRIET K.,	Springfield
SPENCER, ALLAN T.,	Sunnyside, Mont.
STOKES, GUY P.,	Flandreau, S. D.
STOWERS, R. PARKER,	Hamline
WHITED, ORIC O.,	Minneapolis

Those classified as College Specials are:

- (a) College students who are conditioned in their work.
- (b) Special students who do not expect to graduate.

COURSE OF STUDY.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course.

Requirement for Admission to the Freshman Class.

Classical Course.

LATIN :	Cæsar, Gallic War, four books. Virgil, Æneid, six books. Cicero, five orations. Latin Grammar, Allen and Greenough's or an equivalent. Latin Prose Composition.
GREEK :	Xenophon, Anabasis, four books. Homer, Iliad, 1,600 lines. Greek Grammar, White's First Greek Book. Composition based on Anabasis first two books. Prosody, Sight Reading.
MATHEMATICS :	Plane and Solid Geometry. Algebra, through Quadratic Equations.
ARITHMETIC :	Including the Metric System.
ENGLISH :	English Grammar and Analysis. Elementary Rhetoric and Composition.
HISTORY :	History of the United States. General History

Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, Physiology and General History.

Examination for Admission.

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

Record and Examination.

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

Advance Standing.

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

Registration—Deficient Work.

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

Senior Theses.

Each Senior before graduation is required to present an approved thesis of at least 3,000 words. The subject and matured scheme of said thesis shall be presented to the Standing Committee on Theses Thanksgiving week, and the completed thesis shall be presented by the opening of the spring term.

Degrees.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

Master's Degrees.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and before the degree is conferred an additional fee of \$5.00 will be charged.

Course of Study by Departments.

Latin.

COURSE A.—*Livy*, Books I and XXI, four times a week for the fall and winter terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic War. Required of all Freshmen.

COURSE B.—*Horace*, four times a week for the spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rythmical reading of the odes. Required of all Freshmen.

COURSE C.—I. *Terence*, five times a fortnight for the fall term; to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. *Cicero*, five times a fortnight during the winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. *Horace*, five times a fortnight during the spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—In the fall, winter and spring terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation. Open to those who have taken courses A, B and C. This course will be given in alternate years, commencing with 1902-1903.

COURSE E.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B and C.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

Greek.

COURSE A.—I. Homer's *Odyssey* with metrical reading.

II. Lysias, *Select Orations*.

III. Xenophon, *Memorabilia*.

In the winter and spring terms Composition based on part of the work will be given, with a view to imparting familiarity with the idioms and style of Attic Prose. Topics and discussions throughout the year. Daily. Required of Classical Freshmen.

COURSE B.—Plato, *Apology*; Sophocles, *Antigone*; Demosthenes, *De Corona*, or *New Testament*. Elective for Sophomores. Three hours a week.

COURSE C.—An elective two hours a week is provided for Juniors or Seniors.

Throughout the course special emphasis is laid on sight-reading, and studies in word composition and derivation. Constant reference is made to ancient Greek geography, history, philosophy, mythology, art, manners and customs.

German.

COURSE A.—*Beginning German.* Joynes-Meissner's Grammar and Hewett's Reader are studied entire. Special attention is given to conversation based on Vos Materials for German Composition, to pronunciation and reading, and to memorizing of short poems. Daily. Elective for Sophomores.

COURSE B.—*Advanced German.* The works used in this course vary from year to year. In 1902-03 the course includes Schiller's Wilhelm Tell and Maria Stuart, Lessing's Emilia Galotti, Goethe's Hermann and Dorothea, and others. Composition work throughout the year based on Hillern's Höher als die Kirche. Conversation based on Vos Materials for German conversation. Elective for Juniors.

French.

COURSE A.—*Beginning French.* I. Fall term, Grammar, Béziant de Bordes. Irregular verbs carefully studied. Daily work in conversation. Whitney's French Reader.

II. Winter term. Composition and conversation based on La Dernière Classe and Le Siège de Berlin. Mérimées Colomba and short stories.

III. Spring term. Reading and conversation. Study of idioms. The works read include Dumas' Swiss Travel, La Grammaire, Le Voyage de M. Perrichon, and others. Elective for Sophomores.

COURSE B.—*Advanced French.* A half course through the year. The works read are Molière's Le Bourgeois Gentilhomme, Corneille's Le Cid, Racine's Esther, Hugo's Hernani, De Musset's Trois Comédies, Maupassant's Huit Contes Choisis. Composition work during the winter term. Elective for Juniors.

Rhetoric and Theme Writing.

COURSE A.—*Freshman Rhetoric.* Study of the principles of English prose style. The work is based upon Wendell's English Composition, and Brewster's Studies in Structure and Style. Select essays of Macaulay, DeQuincey and Carlyle are studied incidentally to illustrate the principles enunciated. Twice a week throughout the year. Required of all Latin Scientific Freshmen. Elective for Classical Sophomores.

COURSE B.—*Freshman Theme Writing.* All Freshmen meet once a week for instruction in the writing of themes and the criticism of themes written. Frequent daily paragraphs and weekly themes are required.

COURSE C.—*The English Essay, its History, Form and Style.* Representative essays of the chief writers of periodical literature from Addison to the present time are studied. In the spring term, the modern American review and newspaper are given special attention. Frequent practical exercises. Once a week throughout the year.

COURSE D.—*Debate.* A course in the study and practice of Argumentation. Several noted arguments are analyzed by the class, briefs are studied and made, and extempore debates are given by appointed disputants. Carefully written arguments are also required. Once a week throughout the year.

COURSE E.—*Narration and Description.* A course in the study and practice of the principles of narrative and descriptive writing. For illustration of the principles, the class will read the short stories of Hawthorne, Irving and Poe, and will analyze several of the most famous novels of the nineteenth century. Once a week throughout the year.

COURSE F.—*Orations and Speeches.* The work in this course includes the study of the theory of oratory, the analysis of selected American orations and the making of orations and speeches. Special attention is given to the style of the orations of Webster and of the speeches of Lincoln. Once a week throughout the year.

COURSES E and F are omitted in 1902-1903. All Juniors and Sophomores are required to take either C or D.

English Literature.

COURSE A.—*Outline History and Rapid Reading Course.* Pancoast's Introduction serves as a guide. The readings include selected whole works of the chief writers of English literature from Chaucer to the present time. The object is to give a general view of the whole field, a knowledge of literary types, and an introduction to the best that has been done in English. Four times a week throughout the year. Elective for Sophomores.

COURSE B.—*English Literature, 1750-1830.* Revival and growth of English Romanticism. Special attention is given to Wordsworth, Coleridge, Keats, Byron, Shelley and Scott. Four times a week throughout the year. Open to Juniors and Seniors who have taken Course A.

COURSE C.—*Shakespeare.* A critical analysis of his poetic and dramatic art as represented in the sonnets and in twelve of his greatest dramas, with collateral readings in other Elizabethan dramatists. Four times a week. Open to Juniors and Seniors who have taken Course A. (This course will be omitted 1902-1903.)

COURSE D.—*Victorian Literature.* A critical study of individual writers, Carlyle, Tennyson, Browning, with collateral readings in Arnold, Clough, Ruskin. The readings in this course are done outside the class room by general and special assignment. The class room work consists of reports, discussions and lectures. Twice a week throughout the year. Open to Seniors who have had Course A and either Course B or Course C.

COURSE E.—*Literary Criticism.* The study and the practical application of the principles of literary criticism. Winchester's Principles of Literary Criticism is used as a text book. This course is designed for teachers of English literature. Once a week. Open to all who are taking Course B or D.

Mental and Moral Philosophy.

COURSE A.—*Psychology*, four times a week through fall term.

This is a general elementary course of study of the outlines of the science, it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—*Moral Science*, four times a week during Winter term. Optional for Seniors.

COURSE C.—*Natural Theology*, twice a week through Spring term. Optional for Seniors.

COURSE D.—*Evidences of Christianity*, three times a week through Spring term. Optional for Seniors.

COURSE E.—*Logic*, three times a week through Spring term. Optional for Juniors and Seniors.

English Bible.

Bible Study. Once a week throughout the course each college class devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

Historical and Political Science.

I. History.

COURSE A.—*Modern History*. A half-study throughout the year, elective for the Sophomores. Fisher's *Modern History* is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

COURSE B.—*Science of Government*. A half-study, required during the first two terms of the Junior year. Wilson's *State* will be used as the basis, with supplementary work in Bryce's *American Commonwealth*. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—*History of Civilization*. A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

II. Political Economy.

COURSE A.—*Introduction to the Study of Political Economy*. Three times a week, optional with the Juniors for the Spring term. Walker's *Political Economy, Advanced Course*, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—*Advanced Course*. A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work in charge of the professor, and of theses read before the Senior class.

Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed. Prof. Vandyke gives a supplementary course of lectures, and conducts a round-table to explain and illustrate the practical part of school management.

International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and of topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

American Constitution and Common Law.

This course is an elective, twice a week, through the Senior year. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

Mathematics and Astronomy.

COURSE A.—I. *Plane and Spherical Trigonometry*. Five times a week. Fall term.

II. *University Algebra*. Functions, Theory of Limits, Derivatives, Development of Functions in Series, Convergency and Summation of Series, Computation of Logarithms, Chance, Choice, Graphic Solution of Equations and Systems.

Five times a week, winter and spring terms.

This course required of all Freshmen.

COURSE B.—*Analytical Geometry*. Five times a fortnight during the entire year. This course is elective for all who have had Course A, and is offered only on alternate years; it will be open in 1902-3.

COURSE C.—*Calculus*. Five times a fortnight during the entire year. This course is elective for all who have had Courses A and B and is offered only on alternate years; it will be open in 1903-4.

COURSE D.—*Astronomy*. Three times a week, Spring term. An outline course in Descriptive Astronomy. Elective for Juniors.

Physics.

COURSE A.—*Elementary Mechanics*. This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores.

COURSE B.—*Physics*. Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases, sound, heat, electricity and magnetism, and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores.

COURSE C.—*Physics*. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for Seniors.

Chemistry.

COURSE A.—*General Chemistry*. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Juniors.

COURSE B.—*Basic and Acid Qualitative Analysis*. I. This course extends through the third term of Junior year, three afternoons each week. It consists largely of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. Especial attention is next given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of the chemical equation. Elective for Juniors.

COURSE C.—*Quantitative Analysis*. This course extends through the Senior year. The student is first taught the use of the balance, and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for Seniors.

COURSE D.—*Organic Chemistry*. A short course in organic chemistry on the basis of Remsen's "Chemistry of the Carbon Compounds." Laboratory work, lecture and recitations. Two terms of Senior year, two afternoons a week.

Geology.

COURSE A.—*Elements of Geology*, four times a week through the Spring term. The course consists of three parts, one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Juniors and Seniors.

Biology.

COURSE A.—*Elementary Invertebrate Zoology*. Three times a week, for three terms, as follows:

- I. Protozoa, Coelenterates and Echinoderms, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold; first, to train students to the habit of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Freshwater or land animals are selected as far as possible. Groups are taken up in succession, several representative forms of every principal group are examined in the laboratory, and the work is recorded by drawings. This foundation is supplemented by text book and lecture studies, and the student is obliged to report his work in a permanent form. There are frequent written quizzes. Required of all Latin-Scientific Freshmen, optional for Sophomores in the Classical Course.

COURSE B.—*General Biology*, twice a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protococcus, Penicillium, Spirogyra, Geranium Leaf, Paramecium, Vorticella, Hydra and other subjects. Then the physiological conditions of cell life are investigated on Yeast as a subject. The conditions of its growth as to diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations.

COURSE C-I.—*Vertebrate Morphology*, twice a week through the Winter term. This is a course of practical dissection of a fish, salamander and a number of mammalian organs, such as the eye, brain, heart, lung, together with lectures on the comparative anatomy of vertebrates. It is preliminary to the course in Human Physiology, and is optional for Sophomores, Juniors or Seniors.

COURSE C-II.—*Mammalian Histology*, twice a week through the Spring term. This is an elementary course of laboratory work and lecture-studies in the histology of the tissues and some of the more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on

the study of fresh material and in part on prepared slides, and includes an introduction to the technique needed in preparing and mounting material for microscopical study by the simpler processes of fixing, staining, imbedding, sectioning and balsam-mounting of tissues and organs.

COURSE D.—*Mammalian Physiology*, four times a week for the Fall and Winter terms. This is chiefly a lecture and recitation course; demonstrations are given, but the individual laboratory study of physiology is not attempted. The attempt is, however, made so far as possible to consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is optional for Juniors or Seniors, who have completed Courses B and C.

COURSE E.—*Advanced Biology*, twice a week through the Senior year. This is an individual and practical course, intended only for those who are preparing to specialize in biology. It is open only to those who have completed Courses A, B and C, and have shown marked proficiency in practical and theoretical biological work. It is planned to devote the Fall term to mammalian osteology and the Winter term to the dissection of a mammal including all the systems, and the Spring term to Vertebrate Embryology. Other biological subjects may be taken up here in place of the work indicated. No regular classes are formed or lectures given in this course.

COURSE F.—*Botany*, twice a week during the Spring term, a laboratory course in the morphology and classification of the flowering plants will be offered, optional for Seniors who have completed course B.

NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for fifty-four students at one time. There are twenty-seven compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on. There is also an extensive museum of Natural History and Geology. All important topics are illustrated directly from specimens, there are many anatomical preparations, and a large collection of histological slides for class use.

Synopsis of the Course of Study.

FRESHMAN YEAR.

	FRESHMAN YEAR.
Fall Term.	<p>LATIN.—Livy. 4. MATHEMATICS.—Plane and Spherical Trigonometry. <i>Classical</i>.—GREEK.—Odyssey. 5. Rhetoric. 1, <i>Latin Scientific</i>.—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. I. 3.</p>
Winter Term.	<p>LATIN.—Livy. 4. MATHEMATICS.—Algebra, <i>Classical</i>.—GREEK, Lysias. 5. Rhetoric. 1. <i>Latin Scientific</i>.—RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. II. 3.</p>
Spring Term.	<p>LATIN.—Horace. 4. MATHEMATICS.—Algebra. <i>Classical</i>.—GREEK, Xenophon, Memorabilia. 5. Rhetoric. 1. <i>Latin Scientific</i>.—RHETORIC. 3. " " BIOLOGY. A. Course A. III. 3.</p>

SOPHOMORE YEAR.

SOPHOMORE YEAR.		
Fall Term.	<p>PHYSICS A.—Carhart. 4.</p> <p>ENGLISH LITERATURE.—4.</p> <p>GERMAN.—5.</p> <p>FRENCH.—5.</p> <p>LATIN.—Terence; Literature, 2½.</p>	<p>GREEK.—Plato Apology. 2½.</p> <p>ANALYTICAL GEOMETRY.—2½.</p> <p>HISTORY.—2½.</p> <p>BIOLOGY B.—2.</p> <p>RHETORIC.—E. or F. 1.</p>
Winter Term.	<p>PHYSICS B.—4.</p> <p>ENGLISH LITERATURE.—4.</p> <p>GERMAN.—5.</p> <p>FRENCH.—5.</p> <p>LATIN.—Cicero's <i>Lælius</i> or <i>Phily's Letters</i>; Literature. 2½.</p>	<p>GREEK.—Sophocles, <i>Antigone</i>. 2½.</p> <p>ANALYTICAL GEOMETRY.—2½.</p> <p>HISTORY.—2½.</p> <p>BIOLOGY C. I.—2.</p> <p>RHETORIC.—E. or F. 1.</p>
Spring Term.	<p>PHYSICS B.—Lectures. 4.</p> <p>ENGLISH LITERATURE.—4.</p> <p>GERMAN.—5.</p> <p>FRENCH.—5.</p> <p>LATIN.—Horace <i>De Arte Poetica</i> or <i>Quintilian</i>; Literature. 2½.</p>	<p>GREEK.—Demosthenes, <i>De Corona</i>. 2½.</p> <p>ANALYTICAL GEOMETRY.—2½.</p> <p>HISTORY.—2½.</p> <p>BIOLOGY, C, II.—2.</p> <p>RHETORIC.—E. of F. 1.</p>

The figures indicate the number of class exercises per week. Sixteen exercises per week, including Bible study and rhetoricals, are required.

JUNIOR YEAR.

Fall Term.	ENGLISH LITERATURE.—4. RHETORIC,—E. or F.—1. History.—Government.—2½. CHEMISTRY,—Course A.—4. BIOLOGY B.—2. HUMAN BODY.—4.	GERMAN.—5. FRENCH.—2½. LATIN.—2. CALCULUS.—2½. GREEK.—2.
Winter Term.	ENGLISH LITERATURE.—4. HISTORY.—Government. 2½. CHEMISTRY.—Course A.—4. BIOLOGY C—I.—2. HUMAN BODY.—4.	GERMAN.—5. FRENCH.—2½. LATIN.—2. CALCULUS.—2½. GREEK.—2.
Spring Term.	ENGLISH LITERATURE.—4. RHETORIC,—E. or F. 1. POLITICAL ECONOMY.—3. CHEMISTRY B.—4. DESCRIPTIVE ASTRONOMY.— Young. 3. BIOLOGY C—II.—2.	GERMAN.—Goethe. 3. FRENCH.—2½. CALCULUS.—2½. GREEK.—New Testament. 2. LATIN.—2. LOGIC.—3.

SENIOR YEAR.

Fall Term.	POLITICAL ECONOMY.—4. PSYCHOLOGY.—4. HISTORY.—Civilization. 4. EDUCATION.—2. ENGLISH LITERATURE.—2 or 4.	CHEMISTRY C.—2. BIOLOGY B.—2. BIOLOGY E.—2. HUMAN BODY.—4. CONSTITUTIONAL LAW.—2.
Winter Term.	POLITICAL ECONOMY.—4. HISTORY.—Civilization. 4. MORAL SCIENCE.—4. EDUCATION.—2. ENGLISH LITERATURE.—2 or 4. CHEMISTRY C.—2.	CHEMISTRY D.—2. PHYSICS C.—2. BIOLOGY C—I.—2. BIOLOGY E.—2. HUMAN BODY.—4. CONSTITUTIONAL LAW.—2.
Spring Term.	NATURAL THEOLOGY.—Chad- bourne, Lectures. EVIDENCES OF CHRISTIANITY.— Hopkins. 3. INTERNATIONAL LAW.—3. SOCIOLOGY.—4. EDUCATION.—2. ENGLISH LITERATURE.—2 or 4.	CHEMISTRY C.—2. CHEMISTRY D.—2. PHYSICS C.—2. BIOLOGY C—II.—2. BIOLOGY E.—2. GEOLOGY.—4. BOTANY.—2. AMERICAN COMMON LAW.—2.

PREPARATORY DEPARTMENT.

The Preparatory Department, although separated in some respects from the College department, is yet kept in vital connection with it, and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

STUDENTS.

Third Preparatory.

CONDON, ARTHUR L.,	Hamline
FAY, GEORGE,	Virginia
FLINT, FERNA C.,	Hamline
HURSH, MARION M.,	Henning
KIRKLAND, ARTHUR,	Tramway, Wis.
McCALLUM, AGNES,	Hamline
RALSTON, BASIL,	Crystal, N. D.
ROBINSON, JOSEPH M.,	Seattle, Wash.
SHULENE, JULIA F.,	Grove City
SQUIRE, FRANCIS H.,	Hanley Falls
VICKERY, ROY,	Mora
WHITE, MYRTLE E.,	Merriam Park
WINSTON, CORA R.,	Hamline
WOOD, EFFIE M.,	Hamline

Second Preparatory.

ACKERMAN, ETHEL M.,	St. Paul
BERGAN, IDA,	Hayfield
BERGAN, OTTO,	Hayfield
BOYER, BURTON T.,	Hamline
BUCK, M. GLADYS,	Hamline
CHRISTENSEN, JULIUS T.,	Elbow Lake
ELLERY, CHARLES,	Marshall
ERBST, MINNIE,	St. Paul
FREDERICKSON, IDA,	Lakefield
FRENCH, JOHN R.,	Hamline
GARRISON, OLIVER E.,	Hamline
GEISER, ALBERT,	Monticello
HERBER, TRUMAN M.,	Rochester

HOUSTON, MAMIE R.,	Hamline
JONES, ETHEL M.,	Hamline
KINSMAN, EDITH E.,	Hamline
KOCH, ADELINE R.,	Hamline
KOCH, SUMMER S. L.,	Hamline
MANUEL, ARTHUR	Canton
MERICKEL, GEORGE,	Eagle Bend
MILLS, ELMER,	Brookfield
MITCHELL, JUDSON,	Washburn
MOORE, ROBERT,	Hamline
MURTA, HUGH A.,	Park River, N. D.
OLSON, ARTHUR,	Afton
PAGE, CLARENCE Q.,	Hamline
PEMBERTON, LEE R.,	Hamline
PERKINS, WALTER C.,	Money Creek
REID, GEO. M.,	Glenwood
ROBINSON, ALTA E.,	Hamline
ROBINSON, NETTIE L.,	Hamline
ROBINSON, RALPH,	Hamline
SMITH, CHARLES F.,	Ridgeway
SOUTHWICK, OREN F.,	Wells
STOWERS, GERTRUDE B.,	Hamline
TAYLOR, WALTER R.,	Hamline
THOMPSON, ARTHUR R.,	Eagle Bend
THOMPSON, SADIE L.,	Eagle Bend
WALLACE, BEATRICE,	Duluth
WALLACE, ELIZABETH,	Duluth
WALLACE, GERTRUDE M.,	Grand Forks, N. D.
WESTERBERG, MAYME G.,	Crookston
WINTER, WILBER M.,	Hamline
WOLF, REBECCA L.,	Morristown
WORMAN, ALVIN E.,	Marshall

First Preparatory.

BEARDSLEY, HOWARD,	Hibbing
BENTZ, WM. B.,	Hamline
CHAPPELL, THOMAS J.,	Grove Lake
CLASPILL, A. C.,	Hamline
CLASPILL, THOMAS J.,	Hamline
CLELLAND, EDNA,	Hamline
CORSER, WAYNE,	St. Paul
DAWSON, ELIZABETH L.,	Hamline
DREW, GEORGE N.,	Hamline
DUNN, GEORGE R.,	Hamline
ENGEL LUCINDA H.,	Hamline
GIBSON, W. J. B.,	Sedan
HALL, H. H.,	Hamline
HOUSTON, FRANCES,	Hamline
HURSH, FREDERICK C.,	Henning
JACKSON, STANLEY,	Buckman
JACOBS, EDWIN,	Ringe
JOHNSON, MERRILL L.,	Claybank
JOHNSON, OSCAR A.,	Granite Falls
JOISTAD, ARTHUR H.,	St. Paul
MCCOMBS, WILBER L.,	Hewitt
MIKKELSEN, WILLIAM B.,	Wells
MILLER, TROY S.,	Jackson
OERTING, HARRY,	Hamline
PAGE, CLARENCE P.,	Hamline
RANDALL, FRANK E.,	St. Paul
RIPLEY, WALTER,	Eau Claire, Wis.
ROGERS, HARRISON D.,	Anoka
SCHOCH, ROBERT J.,	Maple Grove
STEVENS, CHARLES B.,	Benson
TAYLOR, CHARLES E.,	Aitkin
WAIT, WAYLAND D.,	Henning
WEBSTER, LEON A.,	Hamline
WEBSTER, RUTH E.,	Hamline
YORK, ARTHUR,	Arkansaw, Wis.

Courses of Instruction.

Preparatory Department.

FIRST YEAR.

FIRST TERM.

ALGEBRA.
LATIN GRAMMAR AND LESSONS.—Allen and Greenough.
ENGLISH.

SECOND TERM.

ALGEBRA.
LATIN GRAMMAR AND LESSONS.
ENGLISH.

THIRD TERM.

ALGEBRA.
LATIN.—Cæsar and Latin Grammar.
ENGLISH.

SECOND YEAR.

FIRST TERM.

PLANE GEOMETRY.
LATIN.—Cæsar.
ELEMENTARY RHETORIC.—2.
Classical.—FIRST GREEK BOOK.
Latin Scientific.—GENERAL HISTORY.—4.

SECOND TERM.

PLANE GEOMETRY.
LATIN.—Cæsar.
ELEMENTARY RHETORIC.—2.
Classical.—FIRST GREEK BOOK.
Latin Scientific.—GENERAL HISTORY.—4.

THIRD TERM.

Constructive Drawing.—GEOMETRIC CONSTRUCTIONS.
LATIN.—Cicero.
ELEMENTARY RHETORIC.—2.
Classical.—ANABASIS; COMPOSITION.
Latin Scientific.—GENERAL HISTORY.—4.

THIRD YEAR.

THIRD TERM.

SOLID GEOMETRY.—3.

RHETORIC.—2.

LATIN.—Cicero.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.—Carhart.

SECOND TERM.

SOLID GEOMETRY. ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.

THIRD TERM.

ALGEBRA.—3.

RHETORIC.—2.

LATIN.—Virgil.

Classical.—GREEK.—Iliad.

Latin Scientific.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

DEPARTMENT OF ELOCUTION.

The instruction seeks to develop the individuality of each student, to make mind and body responsive to the thought to be interpreted, to develop bodily freedom, ease and grace, to secure correct and natural use of the voice, to develop a love and appreciation of good literature and to give each student a command of all his powers before an audience.

Exercises in physical culture from the Emerson system are used, and others adapted from the Checkly and Swedish systems.

Private pupils in elocution are admitted to class work free of charge. They also have the opportunity of appearing before audiences in the public recitals which are frequently given.

A certificate is granted for the completion of courses in this department.

In the Junior and Senior years three terms' work in the interpretative study of literature may be substituted for one-half study one term of the college curriculum.

Elocution.

ACKERMAN, ETHEL M.,	St. Paul
ADAMS, ELLEN,	Hamline
ALLIN, FRED W.,	Buffalo
BABCOCK, WM. G.	Racine
BADGER, JENNIE,	Excelsior
BLOOMFIELD, WINIFRED,	Hamline
BRADY, STELLA M.,	Dodge Center
BROBECK, DIANA H.,	Kenyon
CANDELL, PEARL,	Lake City
CHAMBERLIN, GRACE E.,	Dodge Center
CLEMENT, A. MAUDE,	Grafton, N. D.
COLEMAN, HELEN,	Dodge Center
CRAWFORD, ROBERT A.,	Hamline
DAGGETT, NELLIE M.,	Hayfield
DAVIDS, MYRTLE,	Tracy
FLINT, FERNA,	Hamline
FOSTER, RALPH,	Winona
GATES, BESSIE M.,	Red Wing
GEER, JAMES A.,	Galt, Ontario
GILLIS, WILLIAM H.,	Pine Island
GILMORE, CHARLES E.,	Lake Crystal
GOLD, EDITH M.,	Big Stone City, S. D.
GREAVES, GRACE,	Glencoe
GUSE, HERMAN,	Hamline
HANSON, AMANDA,	Anoka
HEAL, PEARL,	Hamline
HECKERT, KATHRYN E.,	Marietta
HILL, JENNIE E.,	Hamline
HOUSTON, MAMIE,	Hamline
INNIS, ETHELWYN,	Hamline
INWOOD, ANNA M.,	Hamline
JOHNSON, MERRILL,	Claybank
JOHNSON, ROBERT C.,	Hamline
JULIEN, ALBERT E.,	Braham
KAHL, JOSEPH A.,	Radcliffe, Iowa

KERN, WILLARD,	Burford, Ont.
KOCH, CLINTON H. S.,	Hamline
MANUEL, ARTHUR,	Canton
MATCHETT, BELLE M.,	Hamline
MCCOMBS, VERNON M.,	Hewitt
MCCORMICK, JOHN D.,	Owatonna
MCGANDY, GRACE L.,	Marshall
McKUSICK, ALLIE,	Pine City
MILLIE, MARGARET,	Hancock
OLESON, PETER,	Lake Benton
PEMBERTON, JOHN L.,	Hamline
PETERSON, FRANCES,	Geneva
PIPER, WILLIAM H.,	Wabasha
PROSSER, MYRTLE,	Preston
RUENITZ, HARRIET,	Springfield
SMITH, ELIZABETH B.,	Minneapolis
SPENCER, ALLAN,	Sunnyside, Mont.
WALKER, PEARL,	Clark, S. D.
WALLACE, CHARLES H.,	Drayton, N. D.
WEIMAR, EDYTHE I.,	Hamline
WELLS, FLORENCE,	Hamline
WINSTON, CORA R.,	Hamline
WOLF, REBECCA,	Morristown
WOOD, IRVEN B.,	Hamline
WORMAN, OSCAR E.,	Marshall
WRIGHT, EDITH,	Hamline
WYLIE, LULU E.,	Drayton, N. D.
ZIMMERMAN, ANNA,	Spring Valley
ZIMMERMAN, S. A.,	Fergus Falls
ZIMMERMAN, A. P.,	Spring Valley

DEPARTMENT OF MUSIC.

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lessons and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

A graded course in piano playing, with Theory of Music as an adjunct, has been arranged, Bach, Beethoven, Schuman, Chopin and Liszt.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

During two years a fortnightly "Music-History Club" has studied composers, including Bach, Haendel, Hadyn, Mozart, Beethoven, Schubert, Mendelssohn, Chopin, Liszt and Wagner, and incidentally a number of their contemporaries, and the meetings of the club have been for the purpose of studying the composers critically and biographically, and listening to specimens of their composition.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course of music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

Music.

BURROWS, MRS.,	Hamline
DAVIDS, MYRTLE,	Tracy
HILL, JENNIE,	Hamline
KIEF, ANNA M.,	Murdock
KOCH, LEONORA,	Hamline
STOCKDILL, M. CARLOTTA,	Hamline
WALLACE, BEATRICE,	Duluth
WALLACE, ELIZABETH,	Duluth
WALLACE, GERTRUDE,	Grand Forks, N. D.
WESTERBERG, MAYME,	Crookston

GENERAL INFORMATION.

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis and is easily reached from either city by the Interurban Electric Railway, and from St. Paul by the Hamline Line.

LIBRARY.

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 8:20 a. m. until 5:00 p. m. It is free to all students, and they are aided in consulting it by the Librarian and by members of the Faculty. The library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society are in easy reach and freely accessible to all students.

DEPARTMENT OF PHYSICAL CULTURE.

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-around development rather than the train-

ing for special feats of skill or strength. Hand ball and basket ball tournaments are held during the winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in baseball, football, track and field sports, and skating. A rink for the latter purpose, 300x100 feet, is flooded on the campus. The Athletic Association maintains a football, a baseball and a track and field team, and annually contests for honors with the other colleges of the state.

LADIES' HALL.

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher. All other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

BOARD.

The Dining Hall is in the basement of the Ladies' Hall. It is regarded by the Faculty as desirable that young ladies from a distance should board and room in Ladies' Hall, and they will find it in many ways to their advantage to do so.

In the event, however, of young ladies wishing to board in clubs or in private families, application for permission to do so must be made by their parents in writing to the President or Dean, and each application so made will be considered on its merits. Arrangements for boarding in Ladies' Hall must be made by the term.

Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President obtained before removal.

The cost of board at Ladies' Hall is at present as follows:

Board, per week.....	\$3.00
Washing and ironing, per dozen.....	.50

For guests a charge will be made of 25 cents per meal.

The expenses of board, fuel, washing and light in private families is \$4.00 to \$4.50 per week.

NECESSARY EXPENSES.

Tuition, College Classes, Fall Term.....	\$12.00
Tuition, College Classes, Winter or Spring Term.....	11.00
Tuition, Preparatory Classes, Fall term.....	10.00
Tuition, Preparatory Classes, Winter or Spring Term....	9.00
Incidentals, per term, all classes.....	2.00
Chemical Laboratory fee, per term.....	3.00
Biological Laboratory fee, per term.....	2.00

Apparatus broken by the student will be charged to his account.

Elocution, per lesson.....	1.00
Music, piano or vocal, payable by the term, per lesson of one-half hour	1.00
Vocal Music, per term, in classes.....	2.00
Use of piano, one hour daily, per term.....	2.50
Text-books, per year.....	\$10.00 to 15.00

ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals	\$34.00	\$40.00
Room rent, fuel and light	36.00	36.00
Board, thirty-six weeks	108.00	108.00
Washing and ironing, 12 pieces per week.....	18.00	18.00
Books and stationery, about	12.00	12.00
Minimum	\$208.00	\$214.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and elocution being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced.

Tuition, incidentals, music and elocution lessons, and piano rent are payable by the term in advance.

Board and room rent are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

LITERARY SOCIETIES.

There are seven Literary Societies in connection with the College of Liberal Arts. The Philomathean, Amphictyon and Phi Alpha are for college men; Browning and Athenæan for ladies; the Zarephathian for young men and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

RELIGIOUS SERVICES.

Students are expected to attend chapel exercises daily, and preaching every Sabbath, at such place as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.



College of Medicine.

(Minneapolis College of Physicians and Surgeons.)



Board of Trustees.

J. T. MOORE, M. D.....	Term expires 1903
J. D. SIMPSON, M. D.....	Term expires 1903
LEO M. CRAFTS, M. D.....	Term expires 1904
WILLIAM J. BYRNES, M. D.....	Term expires 1904
G. C. BARTON, M. D.....	Term expires 1905
W. H. HALLOWELL, M. D.....	Term expires 1905

Officers of the College.

GEO. H. BRIDGMAN, D. D.....	<i>President</i>
J. T. MOORE, M. D.....	<i>Vice-President</i>
LEO M. CRAFTS, M. D.....	<i>Dean</i>
W. J. BYRNES, M. D.....	<i>Treasurer</i>

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Professor of Obstetrics.

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GEORGE C. BARTON, M. D.,

Professor of Clinical Gynaecology.

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Professor of Therapeutics.

J. D. SIMPSON, M. D.,

Professor of Clinical Ophthalmology and Otology.

KNUT HOEGH, M. D.,

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Professor of Clinical Surgery.

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Professor of Ophthalmology.

ANTON SHIMONEK, M. D.,

Professor of Clinical Gynaecology.

C. A. MCCOLLOM, M. D.,

Professor of Preventive and Legal Medicine and Medical Insurance.

NORMAN DREISBACH, M. D.,

Professor of Anatomy.

CHAS. J. MEADE, M. D.,

Professor of Clinical Medicine.

CHAS. F. DIGHT, M. D.,

Professor of Physiology and Histology.

H. B. SWEETSER, M. D.,

Professor of the Practice of Surgery and Clinical Surgery.

F. A. KNIGHTS, M. D.,

Professor of Paediatrics.

EDGAR M. DUNN, B. A.,

Professor of Chemistry.

J. FRANK CORBETT, B. S., M. D.,

Professor of Bacteriology and Curator of the Museum.

J. A. WATSON, M. D.,

Professor of Pathology and of Diseases of the Nose and Throat.

Other Instructors.

- ARNOLD SCHWYZER, M. D.,
Clinical Professor of Pathology.
- JOSEPH W. BETTINGEN, M. D.,
Clinical Professor of Diseases of the Nose, Throat and Ear.
- CHARLES F. DENNY, M. D.,
Instructor in Clinical Medicine.
- R. M. PETERS, M. D.,
Instructor in Medicine.
- C. H. BRADLEY, M. D.,
Instructor in Clinical Medicine and Obstetrics.
- CARL J. LIND, M. D.,
Assistant Professor of Materia Medica.
- FRANKLIN T. POEHLER, M. D.,
Instructor in Clinical Medicine.
- CHAS. F. DISEN, M. D.,
Demonstrator of Anatomy.
- L. C. BACON, M. D.,
Instructor in Clinical Medicine and Obstetrics.
- MASON ALLEN, M. D.,
Instructor in Clinical Medicine.
- KNOX BACON, M. D.,
Instructor in Clinical Medicine.
- J. E. BRIMHALL, M. D.,
Assistant Professor of Clinical Surgery.
- CHAS. H. MALCHOW, M. D.,
Lecturer on Diseases of the Rectum.
- I. J. C. WIIG, M. D.,
Instructor in Orthopaedic Surgery and Apparatus.
- G. P. CRUME, M. D.,
Lecturer on Dermatology and Genito Urinary Diseases.
- W. H. VITTUM, M. D.,
Instructor in Diseases of the Nose and Throat.
- J. S. GILFILLAN, M. D.,
Instructor in Clinical Medicine.

- E. W. BUCKLEY, M. D.,
Clinical Instructor in Dermatology and Genito Urinary Diseases.
- A. W. MILLER, M. D.,
Lecturer on Skiagraphy and Anaesthetics.
- ADOLPH LOBERG, M. D.,
Instructor in Ophthalmology.
- THOS. DEVEREUX, M. D.,
Instructor in Bacteriology.
- ELIZABETH WOODWORTH, M. D.,
Instructor in Bacteriology.
- WM. S. GLOYD, D. D. S.,
Lecturer on Dental Pathology and Therapeutics.
-

University Scholars Assisting in Laboratory Instruction.

- FREDERICK G. WATSON,
In Histology and Embryology.
- WM. D. McDOUGALD,
- JOHN F. PLEHN,
In Bacteriology.
-

Dispensary Clinical Staff.

- GEO. C. BARTON, M. D.,
Gynaecology.
- J. D. SIMPSON, M. D.,
Eye and Ear.
- F. A. KNIGHTS, M. D.,
Pædiatrics.
- C. H. BRADLEY, M. D.,
General Medicine.
- F. T. POEHLER, M. D.,
General Medicine.
- J. A. WATSON, M. D.,
Nose and Throat.
- GEO. J. GORDON, M. D.,
Surgery.
- I. J. C. WHIG, M. D.,
Surgery.
- G. P. CRUME,
Dermatology.

CALENDAR.

1902.

Sept. 15.—Monday. Entrance examinations, 9 a. m.

Sept. 16.—Tuesday. Entrance examinations, 9 a. m.

Sept. 17.—Wednesday. Entrance examinations, 9 a. m.

Sept. 17.—Wednesday. Examination for conditioned students,
9 a. m.

Sept. 17.—Wednesday. Opening Lecture, 8 p. m.

Sept. 18.—Thursday. Lectures begin, 9 a. m.

Oct. 1.—Wednesday. Term tickets required for admission to
lectures.

Dec. 15.—Monday. University day.

Christmas vacation from Dec. 20, 1902, to Jan. 5, 1903.

1903.

Jan. 5.—Monday. Second examination for conditioned students.

Feb. 2.—Monday. Final payment due on tuition.

Feb. 9. Monday. Term tickets required for admission to lec-
tures.

Feb. 12.—Thursday. Lincoln's birthday; a holiday.

Feb. 22.—Sunday. Washington's birthday.

May 18.—Monday. Final examinations begin.

May 30.—Saturday. Memorial day; a holiday.

June 10.—Wednesday. Alumni clinics, 9 a. m.

June 10.—Wednesday. Class night exercises, 8 p. m.

June 11.—Thursday, Alumni clinics, 9 a. m.

June 11.—Thursday, annual Alumni meeting, 12 m.

June 11.—Thursday. Commencement.

June 11.—Thursday, Alumni banquet, 8 p. m.

COLLEGE BUILDINGS.

The new college building is situated on the corner of Fifth street and Seventh avenue south, and was finished and occupied on Jan. 1st, 1900.

The college has been exceedingly fortunate in securing its location, immediately opposite the large new buildings of the city hospital, giving unequaled clinical advantages, and the finest location for a medical college in the northwest.

The building now occupied is the south wing only, of the completed structure as it is to be. The site has been purchased to provide for the future growth of the department and is very commodious, containing ample room for all future growth. The entire plans, as drawn, provide for a building one hundred and thirty by one hundred and fifty feet on the ground and most admirably arranged in every detail for the best work.

The south wing now occupied will be ample for the present needs and the immediate future. The large amphitheater seats two hundred and twenty-five. There are two other large class rooms. The dissecting room with adjoining lavatory is large, extending entirely across the building, and admirably lighted across both sides and by skylight. The laboratories are large, airy and carefully arranged for light and convenience. There is a student's reading room and a separate ladies' parlor and retiring rooms. Especial attention has been given to the dispensary rooms which occupy the ground floor. Eleven rooms are devoted to this purpose, with large waiting rooms, history, clinic and drug rooms, giving by far the best dispensary facilities in the city.

ANNOUNCEMENT.

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its twentieth annual course of lectures on Sept. 16th, 1902, at 8:00 p. m., at which time the introductory address will be given in the college amphitheater.

History.

The college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, for the purpose of elevating the standard of medical education throughout the northwest. For some years it struggled against heavy odds, but always maintained the highest standard of requirements. In 1893 it received strong additions to its faculty, and the enrollment has increased rapidly since that time.

In 1895 the college became the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

In the same year the course of study was lengthened to four years, beginning with the class entering for that session.

In 1896 the length of session was increased from six to eight months, and notice was published that on and after the year 1900, a first grade high school diploma, or its equivalent, would be required for entrance, being the first school in the northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

Beginning with the session 1901-2, the opening of the college year was changed to the third week in September, lengthening the session to nine months.

Hospitals.

The clinical facilities of this college are the best that can be obtained in the twin cities, the building being situated in the immediate vicinity of the four chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of all the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist Hospital, St. Barnabas, St. Mary's and the Swedish Hospitals, in Minneapolis; and the City and County Hospital, St. Joseph's, St. Luke's and Bethesda Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

The clinical material is being rapidly increased in both cities, but more especially in Minneapolis, where the City Hospital is adding largely to its capacity, completing, this spring, the new wing for contagious diseases, making the total capacity over 250 beds. The new building of the Swedish Hospital, just occupied, accommodates 125 patients. The new buildings of Asbury Hospital, to accommodate 200 or more, will be completed the coming season, and improvements at St. Barnabas Hospital will add materially to the capacity of this institution. All these hospitals, with over 600 beds, are within five minutes' walk of the college building, giving a wealth of material for practical instruction not excelled anywhere in the west.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

Requirements for Admission.

Entrance Examinations.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carlton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

Candidates who do not possess such qualifications will be required to pass an entrance examination, which will be conducted by an examining board consisting of three members of the faculty

of the College of Science, Literature and the Arts, appointed by the President of Hamline University.

In 1902 the requirements will be the same as the requirements for admission to the freshman class of the College of Science, Literature and the Arts at the present time, and will be as follows:

1. English Composition and Rhetoric.
2. United States History.
3. History of Greece and Rome.
4. Physiology.
5. Physics.
6. Algebra.
7. Geometry.
8. Latin Grammar.
9. Cæsar, four books; Cicero, four orations; Virgil, four books, or German or French in lieu of Cicero and Virgil.

Admission to Advanced Standing.

Only students from accredited medical schools may apply for advanced standing, and must either pass examination in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examination, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

Registration.

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the first day of November in each year. Fees are payable to the Treasurer, and must be paid at the time of registration.

Tickets of registration will be necessary for admission to all lectures after October 1st.

DIVISION OF SUBJECTS.

The course of instruction in this college consists of a four years' graded series of lectures, recitations, clinics and laboratory exercises. Each session is of eight and three-fourths months' duration, and the subjects are arranged as follows:

First Year.

Histology and Embryology.
Anatomy.
Chemistry.
Physiology.
Materia Medica.

Second Year.

Anatomy.
Medical Chemistry.
Physiology.
Materia Medica.
Pathology.
Apparatus and Bandaging.

Third Year.

Therapeutics.
Surgical Anatomy.
Pathology.
Bacteriology.
Dermatology and Genito-Urinary Diseases.
Obstetrics.
Gynaecology.
Theory and Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.

Fourth Year.

Theory and Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.
Operative and Clinical Surgery.
Obstetrics.
Gynaecology.
Preventive and Legal Medicine and Medical Insurance.
Neurology.
Psychological Medicine.
Ophthalmology and Otology.
Laryngology.
Orthopaedic Surgery.
Diseases of the Rectum.

No conditioned student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the faculty.

Tabular View.

First Year.	Second Year.	Third Year.	Fourth Year.
<i>Histology and Embryology</i> <i>Histology Laboratory.</i> <i>General Chemistry.</i> <i>General Chemistry Lab.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i>	<i>Medical Chemistry and</i> <i>Toxicology.</i> <i>Medical Chemistry Labo-</i> <i>ratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>*Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology Laboratory.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Dermatology.</i> <i>Genito-Urinary and Ven-</i> <i>ereal Diseases.</i> <i>Theory of Medicine.</i> <i>Physical Diagnosis,</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Principles and Practice of</i> <i>Surgery.</i> <i>Clinical Medicine.</i>	<i>Theory and Practice of</i> <i>Medicine.</i> <i>Principles and Practice of</i> <i>Surgery.</i> <i>Clinical Medicine.</i> <i>Operative and Clinical</i> <i>Surgery.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Pediatrics.</i> <i>Preventive and Legal Med-</i> <i>icine.</i> <i>Medical Insurance.</i> <i>Neurology.</i> <i>*Psychological Medicine.</i> <i>Ophthalmology and Otol-</i> <i>ogy.</i> <i>Laryngology.</i> <i>Orthopaedic Surgery.</i> <i>*Diseases of the Rectum.</i>

NOTE.—Final examinations in all subjects in *Italics*. Attendance and quizzes required in all other subjects.
 *Lectures in these courses occupy less than full session.

COURSE AND METHODS OF INSTRUCTION.

Anatomy.

The course in anatomy will consist of didactic lectures and practical exercises, with dissection, under the direction of the demonstrator. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available will be required to do all parts twice. The work in this branch covers two years' instruction. Plates, diagrams, models and frozen sections are used freely in illustration.

First Year.—Three times a week throughout the session. Professor Dreisbach. Demonstration on cadaver, Dr. Disen.

Second Year.—Twice a week throughout the session. Professor Dreisbach. Dissection and demonstrations, Dr. Disen. Recitations held weekly in both years covering fully all lectures.

Third Year.—Surgical anatomy once a week during last half of session, with continual demonstration on the subject. Prof. Dreisbach.

Histology and Embryology.

Work in this subject includes lectures, laboratory exercises and recitations. Full time is given to laboratory technique to thoroughly familiarize the student with the microscope and laboratory methods. The latter part of the session is given to vertebrate embryology. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for those whose means will not afford purchasing.

First Year.—Lectures or recitations twice a week throughout the session. Laboratory work two hours twice a week. Prof. Dight.

Physiology.

This branch is taught by means of didactic lectures, recitations and frequent demonstrations on the lower animals, illustrating digestion, absorption, secretion, the blood, and its circulation and the nervous system. The student thus studies the body practically and demonstrates all vital phenomena.

First Year.—Four lectures a week, including recitations on all work covered. Prof. Dight.

Second Year.—Four lectures a week, work in the laboratory in experimental physiology and physiological chemistry in sections each week and recitations. Prof. Dight.

Chemistry.

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

First Year.—Three lectures a week, continuing through the session, laboratory work two hours three times a week and recitations each week. Prof. Dunn.

Second Year.—Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Dunn. Laboratory work three hours once a week throughout the session, including clinical chemistry. Prof. Dunn.

Materia Medica.

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs. An unusual amount of time is given to the study of this subject.

First and Second Years.—Two lectures a week through the year. Assistant Prof. Lind.

Pathology.

This subject is taught by lectures, recitations, frequent written quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens before the class. The study in this subject is very complete.

covering the processes of disease and the general and special causes of morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

Second Year.—Two lectures a week during the session. Recitations or quizzes each week. Laboratory work two hours twice a week in sections. Prof. Watson.

Third Year.—Two lectures a week through the year. Prof. Watson. Clinical pathology once a week. Clinical Pro. Schwyzer. Recitations or quizzes each week.

Bacteriology.

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail of laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

Third Year.—Two lectures a week throughout the year; recitations each week. Prof. Corbett. Practical laboratory exercises two hours once a week. Prof. Corbett, Dr. Woodworth.

Therapeutics.

The work in this subject following the two years continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch, together with lectures and demonstrations clinically under this and other chairs.

Third Year.—Two exercises a week through the year. Prof. Williams.

Theory and Practice of Medicine.

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This course

extends through two years, with final examination on the Theory of Medicine at the end of the third year and Practice at the end of the fourth year.

Third Year.—One lecture a week through the session. Dr. Peters.

Fourth Year.—One lecture a week through the session, with recitations each week on all ground covered. Prof. Moore.

Diseases of the Chest.

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

Third and Fourth Years.—One lecture a week throughout the session. Prof. McDonald. One clinic a week. Prof. McDonald.

Physical Diagnosis and Clinical Medicine.

The work in this department is commensurate with its importance and is thoroughly systematized. It consists of didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work is done in small sections, drilling the students in the observation and recognition of both normal and abnormal physical signs.

Third Year.—Lecture once a week through the session. General clinics twice a week in the hospital amphitheaters of the Twin Cities. Prof. Meade, Dr. Bradley.

Fourth Year.—Lecture once a week through the year. General clinics twice a week. Section clinics daily. A great part of the work being in small sections, with the personal attention of the instructors. Profs. Meade and Williams, Drs. Denny, Bradley, Poehler, Knox Bacon, L. C. Bacon, Allen and Gilfillan.

Dermatology.

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

Third Year.—One lecture and clinic a week during first half of session. Dr. Crumme, Dr. Buckley.

Genito-Urinary Diseases.

Lectures on the diseases of the sexual and urinary apparatus, together with ample clinical study at the hospitals and dispensaries.

Third Year.—One lecture and clinic a week during the second half of the session. Dr. Crume, Dr. Buckley.

Neurology.

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens; models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro therapeutics.

Fourth Year.—One lecture and one clinic a week for the entire session. Prof. Crafts.

Psychological Medicine.

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

Fourth Year.—One lecture a week during first half of session. Prof. Bartlett.

Surgery.

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given, showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

Third and Fourth Years.—Practice of Surgery, two lectures a week. Prof. Sweetser. Principles of surgery, one lecture a week. Prof. Byrnes.

Fourth Year.—Course in operative surgery on the cadaver. Dr. Disen.

Fourth Year.—One lecture and clinic a week in orthopaedics. Dr. Wiig.

Clinical Surgery.

Third and Fourth Years.—A two-hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Prof. Sweetser, Prof. Byrnes, Prof. O'Brien and Dr. Brimhall.

Second Year.—Instruction in apparatus and bandaging throughout the year. Dr. Wiig.

Ophthalmology and Otology.

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of these organs.

Fourth Year.—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, twice a week. Prof. Simpson. Clinic, three hours once a week. Prof. Boeckman, Dr. Loberg.

Diseases of the Nose and Throat.

Instruction in this subject consists of lectures and demonstrations in the clinic, including practical training in the use of instruments, the class being divided into small sections as in other special clinics.

Fourth Year.—Didactic lectures once a week throughout the session. Prof. Watson. Clinics in sections three times a week, at dispensaries and hospitals. Clinical Prof. Bettingen. Prof. Watson, Dr. Vittum.

Obstetrics.

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

Third and Fourth Years.—Two lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Prof. Hallowell, Dr. Bacon and Dr. Bradley.

Gynaecology.

The teaching in this subject for both third and fourth year classes combines didactic lectures, recitations and demonstrations, with clinical observation both in minor and operative gynaecology in sections at the dispensary of the college and the hospitals.

Third and Fourth Years.—Lectures twice a week. Prof. Phillips. Associate Prof. Cary.

Clinics, fourth year, in sections, three times a week. Professor Barton. Third and fourth year, once a week, general clinic. Clinical Professor Shimonek.

Preventive and Legal Medicine and Medical Insurance.

These combined subjects are grouped in a complete and sequent course falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, also the relations that medical science bears to legal questions, and finally the essentials of correct insurance examinations.

Fourth Year.—Two lectures a week, Preventive Medicine, October, November, December. Medical Insurance, January, February. Legal Medicine, April, May. Prof. McCollom.

Pædiatrics.

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

Fourth Year.—One lecture a week throughout the year. Prof. Knights. Clinics, each week in sections, in both cities. Prof. Knights, Dr. Denny.

Dental Pathology and Therapeutics.

A course of didactic lectures on Pathological Conditions of the teeth and jaws, including the antrum and fractures of the maxillæ, and therapeutic measures relating to these, with which the student of medicine should be familiar.

Fourth Year.—One lecture a week for twelve weeks. Dr. Gloyd. Clinical demonstrations at the Dispensary, in sections, once a week for twelve weeks. Dr. Gloyd.

ORDER OF INSTRUCTION. FIRST YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.		
10-11	Anatomy. Prof. Dreisbach. Room A.	Histology. Prof. Dight. Room B.	Anatomy. Prof. Dreisbach. Room A.	Histology. Prof. Dight. Room B.	Anatomy. Prof. Dreisbach. Room A.	
11-12		Materia Medica. Prof. Lind. Room B.		Materia Medica. Asst. Prof. Lind. Room A.		
1-2	Histology. Laboratory. Prof. Dight.		Chemistry. Prof. Dunn. Room B.		Histology. Laboratory. Prof. Dight.	
2-3		Chemistry. Prof. Dunn. Room B.	Chemistry. Laboratory. Prof. Dunn.	Chemistry. Prof. Dunn. Room B.		
3-4	Anatomy. Laboratory. Demonstrations.	Chemistry. Laboratory. Prof. Dunn.	Anatomy. Laboratory. Demonstrations.	Chemistry. Laboratory. Prof. Dunn.	Anatomy. Laboratory. Demonstrations.	
4-5						

SECOND YEAR.

HOUR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	*8:30 Physiological Laboratory.	Medical Chemistry Laboratory. Prof. Dunn.
10-11	*Apparatus and Bandaging. Dr. Wiig.	Anatomy. Prof. Dreisbach. Room A.	*Apparatus and Bandaging. Dr. Wiig.	Anatomy. Prof. Dreisbach. Room A.	*Apparatus and Bandaging. Dr. Wiig.	
11-12		Materia Medica. Asst Prof. Lind. Room B.		Materia Medica. Asst Prof. Lind. Room A.	11-1 Pathology. Laboratory. Dr. Watson.	
1-2		Medical Chemistry Room B. Prof. Dunn.	11-1 Pathology, Labor- atory. Dr. Watson.	Medical Chemistry Room B. Prof. Dunn.		Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.
2-3	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	
3-4						
5-6	Pathology. Dr. Watson. Room A.	Pathology. Dr. Watson. Room A.		Pathology. Dr. Watson. Room A.		

*Sections.

THIRD YEAR.

HOOR.	MONDAY	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Practice of Surgery. Prof. Sweetser. Room A.	Theory & Practice Prof. Moore. Room A.	8:30 Gynaecology Clinic Prof. Shimonek C. & C. H. St. J.	Theory & Practice Prof. Moore. Dr. Peters. Room A.	Surgical Clinics. Prof. Sweetser. Prof. Bynes. M. C. H., St. M. H., St. B. H., Sw. H.	Practice of Surgery. Prof. Sweetser. Room A. Dermatology, Gen. Urinary Dis. Prof. Thomas. Room B.
10-11		Principles of Surgery Prof. Bynes. Room B.	Surgical Clinic, Prof. O'Brien. Dr. Brimhall. C. & C. H. St. J.	Physical Diagnosis Prof. Irwin. Room B.		
11-12	Diseases of the Chest. Prof. McDonald. Room A.	Gynaecology. Prof. Phillips. Room A.	12-1. Pathology. Prof. Schwyzer.	11-1. Bacteriology. Laboratory. Asst. Prof. Corbett		Gynaecology, Prof. Phillips. Room A.
1-2			2:30. Ophthalmology. Prof. Boehman. (Lowry Arcade)		Medical Clinic, Prof. Irwin. Prof. Williams. Dr. Bradley. Dr. Poehler.	
2-3	*Surgical Anatomy Prof. Dreisbach. Anatomy Lab.			Operative Gynaecol Prof. Barton. Room A.		
3-4		Obstetrics, Prof. Hallowall, Room A.	Medical Clinic, Prof. Meade. Dr. Denny. Dr. L. C. Bacon. Dr. Knox Bacon. Dr. Allen, Nose and Throat Clinic, Prof. Bettingen.	Obstetrics, Prof. Hallowell. Room A. Therapeutics, Prof. Williams, Room B.	Dermatology, Gen. Urinary Clinic Prof. Thomas. M. C. H. Asb. H.	
4-5	Bacteriology. Asst. Prof. Corbett. Room B.	Therapeutics, Prof. Williams. Room B.				
5-6	Pathology, Dr. Watson. Room A.	Pathology, Dr. Watson. Room A.	Obstetrics, Dr. Bacon. C. & C. H.	Pathology (B), Dr. Watson. Room A.		

*One half Session.

M. C. H.—City Hospital. Asb. A.—Asbury Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hospital.
Sw. H.—Swedish Hospital. Dis.—College Dispensary. St. Jos. H.—St. Joseph's Hospital. St. Paul. C. & C. H.—City and
County Hospital, St. Paul.

FOURTH YEAR.

Hour.	Monday	Tuesday	Wednesday**	Thursday	Friday**	Saturday
9-10	Practice of Surgery. Prof. Sweetser. Room A.	Theory and Practice. Prof. Moore. Room A.	8:30 Gynaecology Clin. Prof. Shimonek. C. & C. H. St. J.	Theory and Pract. Prof. Moore. Dr. Peters. Room A.	Surgical Clinics. Prof. Sweetser. Prof. Bynes. M. C. H. St. M. H. St. B. H. Sw. H.	Practice of Surgery. Prof. Sweetser. Room A. Prev. and Legal Med. and Med. Ins. Prof. McCollom. Room C.
10-11	Prev. and Legal Med. and Med. Ins. Prof. McCollom. Room C.	Principles of Surgery. Prof. Bynes. Room B.	Surgical Clin. Prof. O'Brien. Dr. Brimhall. C. & C. H. St. J.	Physical Diagnoses. Prof. Irwin. Room B.	Gynaecology Clinic. Prof. Barton. M. C. H.	Gynaecology. Prof. Phillips. Room A.
11-12	Diseases of the Chest. Prof. McDonald. Room A.	Gynaecology. Prof. Phillips. Room A.	12-1 Pathology. Prof. Schwyzer. C. & C. H. St. J. H.	Diseases of the Nose and Throat. Dr. Watson. Room C.		
1-2	Nose and Throat Clinic. Sections. Watson Dis.	Eye and Ear Clin. Gynecol. Clinic. Sections. Simpson. Barton. Dis. Paediatrics Clinic. (Sections) Dis.		Nose and Throat Section. Clinic Dr. Watson. Sections. Dis.	Medical Clinic. Prof. Irwin. Prof. Williams. Dr. Bradley. Dr. Poehler. M. C. H. St. B. H. Asb. H. Dis.	Gynecol. Clinic. 4 Class. Section. Simpson Barton. M. C. H. Dis.
2-3	Disease of Rectum. Dr. Malchow.	Paediatrics. Prof. Knight. Room B.	2-3:30 Ophthalmology. Prof. Boeckman. (Lowry Arcade)	Operative Gynaecology. Dr. Barton. Room A.		Diseases of the Eye and Ear. Prof. Spratt. Room C.
3-4	*Operative Surg. Anatomy Laboratory. Dr. Disen.	Obstetrics. Prof. Hallowell. Room A.	Medical Clinic. Prof. Meade. Dr. Denny. Dr. L. C. Bacon. Dr. Knox Bacon. Dr. Allen, Nose and Throat Clinic. Prof. Bettingen.	Obstetrics. Prof. Hallowell. Room A.		Medical Clinic. Prof. Moore. St. B. H.
4-5	Neurology. Prof. Crafts. Room C.	*Psychological Medicine. Prof. Bartlett. Room C.		Dental Path. and Therapeutics. Room C.	Neurology Clinic. Prof. Crafts. M. C. H. Asb. H.	Medical Clinic. Prof. McDonald. M. C. H.
5-6			Obstetrics. Dr. Bacon.	Orthopaedic Surg. Dr. Wig. Room B.		

*One half session.

M. C. H.—City Hospital. Asb. H.—Ashbury Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hos-
pital. Sw. H.—Swedish Hospital. Dis.—College Dispensary. St. Jos. H.—St. Joseph's Hospital, St. Paul. C. & C. H.—City
and County Hospital, St. Paul.

** For the coming session clinics will be held in both cities on Wednesdays and Fridays, the 3d and 4th junior classes
alternating.

TEXT BOOKS.

The last edition of the following works are recommended as text-books and for collateral reading:

ANATOMY.

Text-books.—Morris, Gray, Quain, Gerrish.

Collateral Reading.—Weisse's Practical Human Anatomy. McLellan's Regional Anatomy. Humphrey's Human Skeleton. Harrison Allen's Anatomy.

HISTOLOGY AND EMBRYOLOGY.

Text-books.—Piersol, Klein, Minot.

Collateral Reading.—Marshall's Vertebrate Embryology. Schaefer's Essentials of Histology. Stohr's Manual of Histology. Quain's Anatomy.

PHYSIOLOGY.

Text-books.—Foster, American Text-book of Physiology.

Collateral Reading.—Kirke's Handbook of Physiology. Waller, Human Physiology. Hermann's Lehrbuch der Physiologie. Halliburton's Text-book of Chemical Physiology. Fick, Compendium der Physiologie.

GENERAL CHEMISTRY.

Text-books.—Remsen's Briefer Course. Appleton's Qualitative Analysis.

MEDICAL CHEMISTRY.

Text-books.—Purdy's Uranalysis and Urinary Diagnosis. Reese on Toxicology.

Collateral Reading.—Robert's Urinary and Renal Diseases. Ultzmann and Hoffmann's Atlas der Harnsedimente. Taylor on Poisons. Hammarsten's Physiological Chemistry. Vaughan and Novy's Ptomaines and Leucomaines.

MATERIA MEDICA AND THERAPEUTICS.

Text-books.—White, Butler, Hare's Practical Therapeutics.

Collateral Reading.—Brunton's Pharmacology, Therapeutics and Materia Medica. National Dispensatory. H. C. Wood's Therapeutics.

PATHOLOGY.

Text-books.—Stengel. Delafield and Prudden. Ziegler.

Collateral Reading.—Ribbert. Pathologische Histologie. Mallory and Wright, Pathological Technique. Thoma, Pathologische Anatomie.

BACTERIOLOGY.

Text-books.—Manual of Bacteriology, Williams. Bacteriology, Lehman and Neuman. Gerhans Laboratory Course in Bacteriology.

Collateral Reading.—MacFarland, Heim, Sternberg.

THEORY AND PRACTICE OF MEDICINE.

Text-books.—Tyson's Practice of Medicine. Ander's Practice of Medicine. Thompson's Practice of Medicine. Eichorst Practice. Butler Medical Diagnosis. Musser Medical Diagnosis.

Collateral Reading.—Strümpell's Text-book of Medicine. Osler's Practice of Medicine. Pepper's System of Practical Medicine. Allbutt's System of Medicine. Eulenburg's Real-Encyclopædia der Gesammten Heil-Kunde. Twentieth Century Practice of Medicine. Salinger-Kalteyer.

PHYSICAL DIAGNOSIS AND CLINICAL MEDICINE.

Text-books.—Jakob Atlas of Internal Medicine. Butler Medical Diagnosis. Vierordt's Medical Diagnosis. Musser's Medical Diagnosis. Strümpell's Text-book of Medicine.

Collateral Reading.—Osler's Practice of Medicine. Fagge and Pve-Smith's Practice of Medicine. Twentieth Century Practice of Medicine.

PRINCIPLES AND PRACTICE OF SURGERY.

Text-books.—Roswell Park's Surgery. American Text-book of Surgery. Macdonald's Surgical Diagnosis and Treatment.

Collateral Reading.—Cheever's Lectures on Surgery. Warren's Surgical Pathology. Stephen Smith's Operative Surgery. Treve's Manual of Operative Surgery. Dennis System of Surgery. Greig Smith's Abdominal Surgery.

OBSTETRICS.

Text-books.—Parvin, Playfair, Hirst, Lusk, King's Manual, Dorland's Manual.

For reference—American Text-book of Obstetrics. Schaeffer's Obstetric Diagnosis and Treatment. Schaeffer's Labor and Operative Obstetrics. Grandin and Jarmin. Davis' Obstetric and Gynæcologic Nursing.

GYNAECOLOGY.

Text-books.—Thomas and Munde's Diseases of Women. Byford. Penrose. Playfair. Massey.

Collateral Reading.—Skene's Diseases of Women. Keating and Coe's Clinical Gynæcology. Pozzi's Treatise on Gynæcology.

PEDIATRICS.

Text-books.—Holt's Diseases of Infancy and Childhood. Starr. Rotch's Pediatrics.

Collateral Reading.—Jacobi's Therapeutics of Infancy and Childhood. Keating's Cyclopedia of the Diseases of Children.

NERVOUS DISEASES.

Text-books.—Pott's Nervous and Mental Diseases. Jakob. Oppenheim's Diseases of the Nervous System. Church and Peterson's Nervous and Mental Diseases. Dercum's Nervous Diseases by American Authors. Mills' The Nervous System and its Diseases. Gower's Diseases of the Nervous System. Bramwell's Diseases of the Spinal Cord.

Collateral Reading.—Dana's Text-book of Nervous Diseases. Strümpell's Text-book of Medicine. Sachs' Nervous Diseases of Children. Harter's Manual of Diagnosis of Nervous Diseases. Gordinier's Anatomy of the Nervous System.

MENTAL DISEASES.

Text-books.—Berkley. Clouston. Spitska. Chapin.

Collateral Reading.—J. Bevan Lewis. Hyslop, Mental Physiology. Kraepelin, Psychiatrie. Tuke's Dictionary of Psychiatric Medicine.

DERMATOLOGY.

Text-books.—Hyde. Jackson.

Collateral Reading.—Duhring. Robinson. Van Harlingen. Taylor.

GENITO-URINARY.

Text-books.—White and Martin. Harrison. Morrow.

PREVENTIVE MEDICINE.

Text-books.—Wilson's Handbook of Hygiene. Abbott's Hygiene of Transmissible Diseases. Rohe's Text-book of Hygiene. Egbert's Hygiene of Sanitation.

Collateral Reading.—Bucks' Hygiene and Public Health. Copelin and Bevan's Practical Hygiene. Richardson's Preventive Medicine.

LEGAL MEDICINE.

Text-books.—Taylor's Manual or Medical Jurisprudence.

Collateral Reading.—Witthaus and Becker. Reese's Medical Jurisprudence. Hamilton's American System of Legal Medicine. Tidy's Legal Medicine.

OPHTHALMOLOGY.

Text-books.—Fricke. Noyes.

Collateral Reading.—Schweinitz. Fuchs. Loring on the Ophthalmoscope. Landolt on Refraction and Accommodation.

OTOLOGY AND RHINOLOGY.

Text-books.—Field. Politzer. Hovell, Diseases of the Ear and Naso-Pharynx and Ear.

Collateral Reading.—Buck's Manual of Diseases of the Ear. Schwartze, Handbuch der Orenheilkunde. Bosworth.

CLINICAL MICROSCOPY.

Text-books.—Simon's Manual of Clinical Diagnosis.

Collateral Reading.—Cabot's Clinical Examination of the *Blood. Von Jaksch's Clinical Diagnosis. Lenhartz' Mikroskopie u Chemie am Krankenbett.

MEDICAL DICTIONARIES.

Lippincott's Medical Dictionary. The American Illustrated Medical Dictionary. Gould's Medical Dictionary. Foster's Encyclopædic Medical Dictionary. Dunglison's Medical Dictionary. Downer's Medical Dictionary.

EXAMINATIONS.

The final examination in every subject is held at the close of the school year. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly held at the end of each session. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued on request, showing the results of examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 85 per cent of the lectures in every subject.

The reports of examinations will be mailed to the students, if desired, at the college or at such other addresses as they may direct, after the examinations are completed, and they must not call on the examiners or the Dean for reports.

REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D. C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least eight months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

FEES AND EXPENSES.

Students of this college will be uniformly charged as follows:
Matriculation fee, payable first year of attendance only....\$ 5.00

General ticket, payable each year of attendance (including all charges for lectures, laboratories, clinics, examinations, diplomas, etc.)	80.00
Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of	\$ 50.00
Material in practical anatomy, per part	7.50

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

Fees are paid invariably in advance: One-half at the opening of the session, and one-half on or before the first of February.

The college reserves the right to change the fees at any time through publication in its annual announcement.

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

BOARD AND LODGING.

The expense of living in Minneapolis is less than in most other large cities. Students obtain board and room-rent for \$20.00 a month or less, and this sum may be considered adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

For further information, address

LEO M. CRAFTS, M. D., DEAN,
606 Masonic Temple,
Minneapolis, Minn.

COURSE FOR GRADUATES.

SCANLAN, WM., M. D.,

Page, N. D.

FOURTH YEAR.

BRUSTAD, AXEL.,	Minneapolis
CRAMOND, JAMES E.,	Langdon, N. D.
DEERTZ, JOHN J.,	Minneapolis
HASHBARGER, M. M.,	Iowa
HELK, HENRY H.,	Minneapolis
HIRSCHFIELD, MAX P.,	Minneapolis
HOLEN, THORVALD,	Minneapolis
HOVORKA, THOS. J., PH. M. D.,	Silver Lake
HUMPHREY, EDWIN, D. V. M.,	South Dakota
JOHNSON, OTTO F.,	St. Paul
KAHALA, ARTHUR A.,	Minneapolis
KING, NELSON M., D. M. D.,	Minneapolis
LARSEN, HARRY A.,	Minneapolis
MCCANN, GEORGE E.,	Minneapolis
MCDUGALD, D. W. S.,	Minneapolis
MCEACHERN, WALTER A.,	Sandstone
MONAHAN, JOHN A.,	Minneapolis
MOULTON, RACHEL,	Pleasant Valley, Wis.
NICHOLSON, EDWARD G.,	Rosemount, N. D.
OGG, JOHN J.,	Minneapolis
PECK, ARTHUR E., D. D. S.,	Minneapolis
PECK, LEWELLYN D.,	Rochester
POEHLER, FRED C.,	Minneapolis
POWERS, FLETCHER W.,	St. Paul
QUITMEYER, OTTO C.,	Parkers Prairie
RITCHIE, CYRUS K.,	Bloomington
RYAN, MARGARET,	Minneapolis
STRETCH, IRWIN D.,	Minneapolis

TANNER, ANDREW W., PH. M.,	Minneapolis
TINGDALE, AUGUST C.,	Minneapolis
THOMPSON, ALBERT S.,	Mt. Horeb, Wis.
THORKELSON, THORALD,	Minneapolis
TOFTE, A. A., JR.,	Fisher
WOODWARD, ADELAIDE,	St. Paul

THIRD YEAR.

BEEBE, JAY L., PH. G., B. S.,	Lake Crystal
BENN, FERDINAND G.,	Minneapolis
BOHLAND, E. H.,	Minneapolis
BROWN, J. E.,	Minneapolis
CALDWELL, D. K., PH. B.,	St. Paul
CHEDECK, BENJAMIN H.,	Minneapolis
COOPER, DENTON J.,	Butler, N. D.
DEAN, HARRIS, D. D. S.,	Anoka
DORAN, GEO. M.,	Manitoba, Can.
EKREM, JOHN M.,	Bangor, S. D.
FITZGIBBON, JAMES L.,	Minneapolis
FRIBERG, CARL P.,	Minneapolis
GAG, EDWARD W.,	Cottonwood
GARDNER, IRWIN A.,	Minneapolis
GOSSLEE, GILBERT L.,	Tracy
HEIMARK, JACOB H.,	Clarkfield
JOHNSON, AUGUST E.,	Minneapolis
KENNEDY, WILLIAM J.,	Minneapolis
KLING, FRITZ L.,	Minneapolis
KOSHABA, JOSEPH,	Minneapolis
LIMA, LUDWIG,	Cooperstown, N. D.
LORD, BERTRAM E.,	Minneapolis
MCCULLOUGH, GEO.,	Minneapolis
MELECH, HARRY N.,	Minneapolis
MERTEN, JOHN J.,	Minneapolis
MITCHELL, RALPH S.,	Eden Prairie
MOYNIHAN, ANDREW F.,	River Falls, Wis.
NELSON, EDWARD H.,	Minneapolis
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OWRE, OSCAR,	Minneapolis
PLEHN, JOHN F.,	Minneapolis
POIRIER, ALEX J.,	Minneapolis

RANDALL, AUVIGNE,	Kingston
SCHRYVER, J. H.,	Minneapolis
SWENSON, CHARLES,	Rush City
THOM, JAMES,	Grandin, N. D.
TORLAND, ASBJORN,	Minneapolis
WATSON, FREDERICK G.,	Wood Lake
WENGER, FERDINAND A.,	St. Paul
WERNER, NELS L.,	Diamond Bluff, Wis.
WESTLEY, MARTIN D.,	Cooperstown, N. D.
WHITTEMORE, ARTHUR A.,	Drayton, N. D.
YOUNG, VICTOR A.,	Minneapolis

SECOND YEAR.

ABBOTT, J. H.,	St. Paul
ANDERSON, GEO. A.,	Minneapolis
CHRISTENSEN, WALTER,	Albert Lea
DAVISON, PETER C.,	St. Paul
ERICKSON, EMIL T.,	Vining
ELTUN, T. J.,	Northfield
GROVE, EUGENE H., PH. G.,	Buckeye, S. D.
HAGEN, GILBERT L.,	Minneapolis
HEIMARK, ANDREW J.,	Clarkfield
HOFF, GUSTAV,	Zumbrota
JENNINGS, J. F.,	Waverley
KERMOTT, LOUIS H.,	Fort Totten, N. D.
LAMBERT, MARIAN JESSIE,	Minneapolis
LARSEN, CARL L.,	Minneapolis
LEBOWSKY, JOSEPH,	Minneapolis
LIVINGSTON, WILL,	St. Paul
MUSGRAVE, JOHN HALL, LL. B.,	Minneapolis
NICHOLS, JOHN H.,	Minneapolis
OLSON, ERIC,	Minneapolis
OFSTAD, ARNT E.,	Minneapolis
PAULSON, ANDREW J.,	Stod
PETERSON, ALFRED C.,	Cokato
SARAZIN, JOSEPH J.,	Minneapolis
SCHELDE, EDWIN M., B. S.,	Minneapolis
SHERMAN, HUBERT,	Minneapolis
SIVERTSEN, IVAR,	Minneapolis
TEIGEN, MARGARET,	Fargo, N. D.
WESTON, F. B.,	Minneapolis

FIRST YEAR.

ABRAMOVICH, JOS. H.,	St. Paul
ANDERSON, CARL A.,	Minneapolis
BAKKE, HANS D.,	Fargo, N. D.
BEAN,	Minneapolis
BLOMBURG, LOUIS C.,	Minneapolis
COX, RICHARD M.,	Granville
DAWSON, ALBERT M.,	Minneapolis
DE MEULES, LOUIS J.,	Minneapolis
FLYNN, WM. T.,	Minneapolis
GRAHAM, J. H.,	Glendive, Mont.
GREGOIRE, WM. J.,	Eau Claire, Wis.
HILGER, ANDREW W.,	St. Paul
HILGER, D. D.,	St. Paul
JONES, GRIFFITH G.,	Minneapolis
JOHNSON, AUGUST E.,	Minneapolis
KANE, J. P.,	Minneapolis
KILEN, REINHOLT,	Ranun;
LINDBERG, ALFRED,	Minneapolis
LINDBERG, CHAS.,	Minneapolis
LINDE, HERMAN,	Fargo, N. D.
MILLER, HUGH,	Balfour, N. D.
MINGO, FRANCIS E.,	Hamel
NEEDHAM, FRANK STEWART,	Minneapolis
NICHOLSEN, ALLAN S.,	St. Paul
PETERSON, GEO. E.,	Cokato
POST, JAS. O.,	Minneapolis
PUTNAM, WM. N.,	Minneapolis
ROMEYN, BLANCHE,	Minneapolis
SARHEIM, RASMUS K.,	Minneapolis
SCHUSSLER, OTTO F.,	Minneapolis
STERNER, ERNEST G.,	St. Paul
WALLACE, PHILIP,	Minneapolis

SUMMARY.

Course for graduates	1
Fourth year	34
Third year	44
Second year	28
First year	32
Total	139

DEGREES.

On commencement day, Thursday, June 6, 1901, degrees were conferred on the following:

M. D., C. M. *Cum Laude.*

CARLSON, SWAN A.	MUUS, PETER H., B. A.
CARPENTER, GRANT S.,	THEISSEN, WM. M.
GOLDBERG, MARTIN L., B. S.	

M. D., C. M.

ALLEN, JOSEPH M., D. V. S.	LUTHER, CLARA M.
BARTON, EDGAR R.	MELBY, OSCAR F.
BIORN, NELS A.	MOORE, GEORGE B.
BLOOM, WM. D.	MURPHY, GUY.
BURTON, PAUL H.	OFTEDAL, ARNE.
DEVEREUX, THOS.	ROBERTS, EMMA J.
DORAN, CHARLES W., B. A.	SPEAR, EDGAR D.
FOX, JOHN M.	SWENSON, AXEL W.
GRONVOLD, FREDERICK O.	WOODWORTH, ELIZABETH.
KRON, LAURITZ O.	

ALUMNI.

ALLEN, JOS. M., D. V. S.	1901
ATHERTON, C. O.	1891
BAIER, FLORENCE C.	1897
BAKKE, OLE	1896
BARTON, EDGAR R.	1901
BLISS, GEORGE WILLIS	1895
BERGQUIST, CARL E.	1897
BEVAN, CHARLES J.	1897
BIORN, NELS A.	1901
BJORNEBY, PETER C.	1897
BLOMBURGH, AXEL F.	1897
BLOOM, WM. D.	1901
BLAKESLEE, FRANK	1897
BONG, JOHN H.	1897
BEMIS, CATHERINE A.	1896
BROWN, EDWARD I.	1900
BURLINGAME, R. M.	1899
BURTON, PAUL H.	1901
CARLSON, SWAN A.	1901
CARPENTER, GRANT S.	1901
CARTER, JOSEPH A., B. A.	1898
CHANCE, JENNER P.	1900
CHURCH, RICHARD J.	1895
CLARK, EDWARD J.	1898
CLAU, EDWARD M.	1893
CONYNGHAME, E. F.	1886
CRESWELL, WILLIS W.	1897
DAILY, MILTON	1895
DAVID, OSCAR F.	1893
DEALEY, JULIA	1897
DEVEREUX, THOS.	1901
DOBSON, WILLIAM C.	1896
DINAHAN, RICHARD M.	1897
DORAN, CHAS. W., B. A.	1901
DORAN, JOHN E.	1898
DONAHUE, D. J.	1896
DUMAS, CALIXTE H. D.	1896

DOUGLAS, ELMER E.....	1894
DYRNES, JOHN O.....	1897
EGAN, MICHAEL	1891
ESSEN, CARL A. C.....	1895
FARNESS, C. W.....	1888
FARR, JOHN M.....	1897
FLATTEN, AMOS	1890
FLEMING, ALOYSIOUS S.....	1897
FONGER, JAMES H.....	1900
FOX, JOHN M.....	1901
FOWLER, FRED H.....	1897
GENDRON, JULES	1896
GILL, JOHN R.....	1900
GLIM, NELS N.....	1898
GOLBERG, MARTIN L, B. S.....	1901
GORDON, DAVID	1897
GRONVOLD, FREDERICK O.....	1901
GYLLENBURG, JENNIE	1890
HEFFLIN, H. NELSON.....	1895
HALVORSON, K. K.....	1889
HELGERSON, SIGRID	1894
HETLAND, C. L.....	1893
HOUSTON, HUGH E.....	1900
HOVORKA, WENCESLAUS	1897
HUBBARD, EDWARD E.....	1894
HYNES, JAMES	1899
JACKSON, CAROLYNE E.....	1897
JAMES, ROBERT J.....	1899
JAMESON, ADELINE P.....	1895
JERMAN, WILLIAM L.....	1897
JONES, JAMES D.....	1899
JOHNSON, LEWIS O.....	1898
KIRKHOFF, EDWARD H.....	1899
KILBRIDE, THOMAS F.....	1894
KJELLAND, JACOB S.....	1898
KJELLAND, THORSTEN N.....	1898
KOHLER, GEO. A., PH. G.....	1900
KONITZ, JOHN	1897
KOHLER, FRED G.....	1897
KOPPLEBERGER, HARRY W.....	1897
KRESEL, W. A.....	1897
KRIEDT, DANIEL J.....	1900

KRON, LAURITZ O.....	1901
LEWIS, ARTHUR J.....	1895
LIND, CARL J.....	1897
LOBERG, ADOLPH	1899
LOCKWOOD, LEBARON S. O.....	1894
LOWTHIAN, GEORGE H.....	1894
LUTHER, CLARA M.....	1901
LYONS, ADAM	1898
MALCHOW, CHARLES W.....	1894
MASON, CHARLES H.....	1899
McCOHN, HANNAH	1890
McKEON, PHILIP	1895
McKEON, JAMES	1890
McKEON, OWEN	1900
MELLBY, OSCAR F.....	1901
MILLER, ROCK P.....	1898
MILLER, FRED C.....	1899
MILLER, HUGO	1896
MILLER, VICTOR J.....	1900
MINTENER, JOHN W.....	1900
MOORE, FRANCIS A.....	1893
MOORE, GEO. B.....	1901
MONOHAN, P. H.....	1886
MURPHY, GUY D.....	1901
MURPHY, WILLIAM B.....	1897
MURRAY, WILLIAM B.....	1890
MUUS, PETER H., B. A.....	1901
OBERG, OSCAR	1898
OBERG, CARL M.....	1899
OBERG, EMANUEL	1900
O'BRIEN, H. JEFFERSON.....	1895
O'CONNOR, JERRY P.....	1900
OFTEDAL, ARNE	1901
OLSON, JENNIE D., M. D.....	1890
OWRE, ALFRED	1895
ROYCE, ROLAND	1885
RAINVILLE, SAMUEL	1897
RALEIGH, ROSWELL B.....	1894
REEVE, EDWARD A. T.....	1897
REMICK, LOUIS B.....	1895
RIDGWAY, ALEXANDER	1894
RIDGWAY, JOSEPH	1894

REINHARDT, WALLACE A.	1896
ROLERTS, EMMA J.	1901
ROSENTHAL, SIGMOND	1896
RYAN, JENNIE	1893
ROBERTS, FLOYD J.	1899
ROGERS, GEORGE M. F.	1899
SASSE, ERNEST G.	1899
SCANLON, DANIEL L.	1899
SCANLON, WILLIAM	1896
SCHEFCH, J. FRANCIS, PH. G.	1900
SCHLEGEL, HENRY E.	1897
SCOTT, ERNEST H.	1888
SHERPING, ERIC, PH. B. A.	1900
SIMPSON, J. K.	1884
SKOGEN, THOMAS T.	1900
SHELLAND, JOHN T.	1900
SOUR, STEPHEN D.	1896
SCHULEAN, NELLIE	1893
SPEAR, EDGAR D.	1901
SWENSON, AXEL W.	1901
TANNER, FRANCIS G.	1895
TAYLOR, HENRY H., D. M. D.	1895
TESSIER, W. O.	1887
THEISSEN, WM. M.	1901
TREAT, VEEDER G.	1894
TUKE, HENRY C.	1896
VANDAMME, WILLIAM	1885
VAN KIRK, FRANK J.	1900
VELINE, OLAF J.	1897
WARHAM, T. T.	1897
WARNE, EDWIN G., D. D. S.	1897
WATSON, CHARLES W.	1897
WENDT, SAMUEL M.	1897
WHETSTONE, RAY S.	1897
WHITING, ARTHUR D., D. M. D.	1895
WHIG, IVER C. J.	1896
WILCOX, T. E.	1897
WILLIS, ELLEN E. A.	1899
WILLIAMS, THEODORE F.	1890
WITTIROW, MORRILL E.	1897
WILLIAMSON, LUTIE L. S.	1897
WOODWORTH, ELIZABETH	1901
YOUNG, EUGENE W.	1896

ALUMNI ASSOCIATION
Of the Medical Department.

(Minneapolis College of Physicians and Surgeons.)

ORGANIZED APRIL 11, 1894.

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

SUMMARY OF STUDENTS.

College of Liberal Arts.

Post Graduate.....	9	
Senior Class	32	
Junior Class	22	
Sophomore Class.....	35	
Freshman Class.....	34	
College Specials	70	202

Preparatory Department.

Third year.....	14	
Second year	45	
First year.....	35	94
<hr/>		
Department of Music	10	
Department of Elocution.....	65	

College of Medicine.

Graduate.....	1	
Fourth year	34	
Third year.....	44	
Second year	28	
First year.....	32	139
Total.....		<hr/> 510
Counted Twice		65
Total Enrollment		<hr/> 445



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02-03

Thomas Arthur Cole

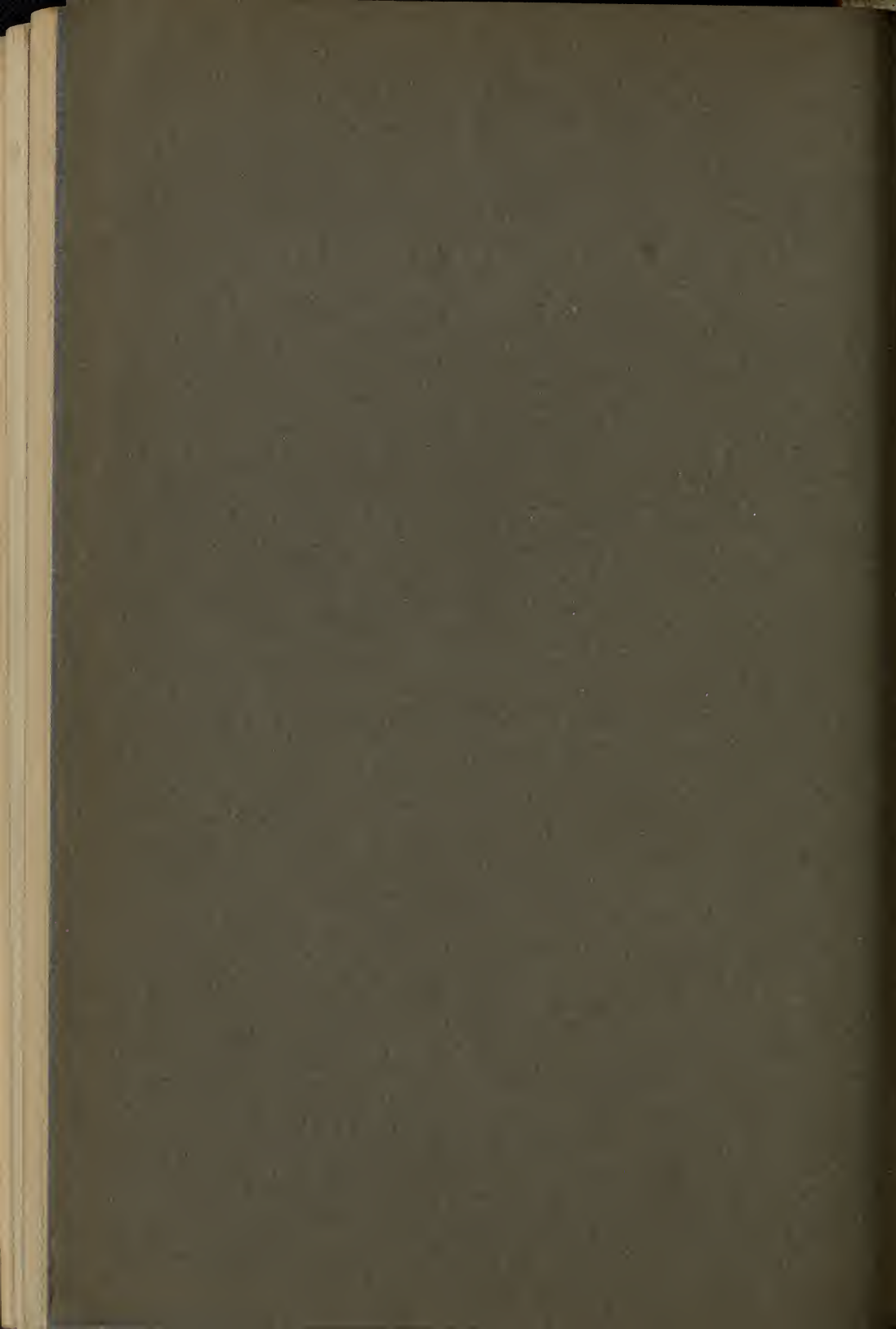
Hamline University

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Thomas Arkle Clark

CATALOGUE

OF

Hamline University.

College of Liberal Arts,
Hamline, Minn.

College of Medicine,
Minneapolis, Minn.

1902-1903

CALENDAR.

- 1903—September 15, *Tuesday*, Fall Term begins.
September 15, *Tuesday*, Entrance Examinations.
December 17-18, *Thursday-Friday*, Term Examinations.

VACATION OF TWO WEEKS.

- 1904—January 5, *Tuesday*, Winter Term begins.
March 17-18, *Thursday-Friday*, Term Examinations.
March 18, *Friday*, Winter Term ends.
March 29, *Tuesday*, Spring Term begins.
May 23-24, *Monday-Tuesday*, Senior Examinations.
June 5, *Sunday*, 10:30 A. M., Baccalaureate Sermon.
June 6-7, *Monday-Tuesday*, Term Examinations.
June 7, *Tuesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.
June 7, *Tuesday*, 3 P. M., Address before the Historical Society.
June 7, *Tuesday*, 8 P. M., Class Day Exercises.
June 8, *Wednesday*, Alumni Day.
June 8, *Wednesday*, 2 P. M., Annual Commencement.

CORPORATION.

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TERM EXPIRES 1903.

HON. H. R. BRILL, LL. D.,
HON. J. T. WYMAN,
S. S. THORPE, Esq.,
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TERM EXPIRES 1904.

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WILLIAM MOSES, Esq.
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M. W. SAVAGE, Esq.,
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MINNEAPOLIS.
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HON. W. H. EUSTIS,
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HAMLINE.
MINNEAPOLIS.
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MINNEAPOLIS.

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REV. W. MCKINLEY, D. D.,
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MINNEAPOLIS.
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NORTHFIELD.
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Minnesota Conference.

[Who are also ex-officio Trustees,]

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REV. R. J. TAYLOR, A. B.

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[Who are Executive Committee ex-officio.]

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B. F. NELSON, ESQ., *First Vice-President*.
HON. J. T. WYMAN, *Second Vice-President*.
S. S. THORPE, ESQ., *Secretary*.
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College of Liberal Arts.



FACULTY.

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Corrie E. Widstrand Professor of Chemistry and Physics.

REV. GEORGE S. INNIS, PH. D., D. D.,
Professor of History.

ERASTUS F. MEARKLE, LL. D.,
Rebecca M. Harrison Professor of Political Economy.

HENRY L. OSBORN, PH. D.,
Joseph Dean Professor of Biology and Geology.

WILLIAM E. THOMPSON, A. M.,
*Matthew G. Norton, Jr. Professor of the Latin Language
and Literature.*

ARTHUR Z. DREW, A. M.,
James McLaughlin Professor of Mathematics.

R. WATSON COOPER, A. B.,
Herbert H. Norton Professor of English Literature.

JAMES S. KING, A. B.,
*James L. Norton Professor of Modern Languages and
Greek.*

BERTHA BELL, M. A.,
Preceptress.

ELEANOR MILLER,
Elocution.

WILLIAM H. CLARK,
Piano and Vocal Music.

J. ALEX. SLOAN,
Director of Athletics.

A. LEWIS IDE,
Assistant in Greek.

MYRTLE PROSSER,
Assistant in German.

RALPH FOSTER,
Assistant in Chemical Laboratory.

AMANDA J. HANSON,
Assistant in Latin.

CHARLES EGINTON,
Assistant in Biology.

FRANK S. MORSE,
Demonstrator in Zoology.

DUDLEY PARSONS,
Assistant in English Literature.

ANNA M. DAVIS, PH. M.,
Librarian.

ARTHUR Z. DREW, A. M.,
Registrar.

COLLEGIATE DEPARTMENT.**STUDENTS.****Post Graduates.**

BRINK, MABEL W.,	Political Science,	<i>Hamline</i>
CAHOON, GUYBERT A.,	History,	<i>Goodhue</i>
GRIFFIN, A. D.	Political Science,	<i>Kasota</i>
KEMERER, S. W.,	History,	<i>Boston, Mass</i>
KERN, WILLARD,	Political Science,	<i>Boston, Mass</i>
NELSON, ADOLPHUS P.,	Political Science,	<i>Grantsburg, Wis</i>
OLSEN, T. A.,	History,	<i>Enderlin, North Dakota</i>
WHEELER, BERT W.,	Education,	<i>Duluth</i>

Senior Class.

BEVANS, JULIA,	<i>St. Paul</i>
BRIDGMAN, DONALD E.,	<i>Hamline</i>
BROBECK, DIANA H.,	<i>St. Paul</i>
CRAWFORD, WALTER M.,	<i>Hamline</i>
EGINTON, CHARLES,	<i>Hayfield</i>
EVANS, ELIZABETH,	<i>Racine</i>
FOSTER, RALPH H.,	<i>Winona</i>
GUSE, HERMAN,	<i>St. Paul</i>
HANSON, AMANDA J.,	<i>Anoka</i>
HUSER, EDNA I.,	<i>Cumberland</i>
INNIS, ETHELWYN,	<i>Hamline</i>
JULIEN, ALBERT E.,	<i>Braham</i>
LIBBEY, GERTRUDE,	<i>Red Wing</i>
LOWE, JOHN,	<i>St. Paul</i>
McCOMBS, VERNON,	<i>Hamline</i>
McCREA, C. H.,	<i>Hamline</i>
MARLATTE, EDWARD T.,	<i>Hamline</i>
OLSON, MARY E.,	<i>Afton</i>
PARSONS, DUDLEY,	<i>Minneapolis</i>
PEMBERTON, JOHN L.,	<i>Hamline</i>

PROSSER, MYRTLE,	Preston
PROSSER, ROSE,	Preston
SWINNERTON, T. N.,	Hamline
TERRY, SELINA M.,	Slayton
THOMPSON, FRANK,	Dodge Center
WYLIE, LULU E.,	Drayton, N. D.
ZIMMERMAN, S. A.,	Hamline

Junior Class.

ALLIN, ERNEST A.,	St. Paul
BEARDSLEY, GRANT S.,	Faribault
BRADFORD, ETHEL,	Monticello
CANDELL, GRACE E.,	Lake City
CANDELL, PEARL S.,	Lake City
CRAWFORD, R. A.,	Hamline
CHAMBERLAIN, GRACE E.,	Dodge Center
DAVIS, NELLIE G.,	Glencoe
DEGRAFF, CHARLES W.,	Ellendale, N. D.
DUFF, DARDANIA,	Hamline
FOSTER, THOMAS,	Hector
GILLIS, WM. H.,	Fairmont
GOULD, RAYMOND D.,	Excelsior
IDE, ARCHIE L.,	Forest Lake
INWOOD, ANNA M.,	Hamline
KOCH, CLINTON H. S.,	Hamline
LEE, RAYMOND A.,	St. Paul
MCGANDY, GRACE,	Youngtown, N. D.
MILLIE, MARGARET L.,	Hancock
NELSON, FRED C.,	Plainview
RANDOLPH, HARRY B.,	Valley City, N. D.
RICE, BERYL L.,	Hamline
ROBSON, EUNICE B.,	Red Wing
RULE, LULU,	St. Anthony Park
SHEPHERD, SUSIE S.,	Hamline
SMITH, BEATRICE,	Brown's Valley
STOCKDILL, M. CARLOTTA,	Hamline
TRAPP, HERBERT A.,	Dodge Center
WELLS, FLORENCE,	Hamline
WHITNEY, MAUDE E.,	Princeton
WINSTON, MATTIE D.,	Hamline
WOOD, IRVING B.,	Hamline
WRIGHT, HELEN E.,	Hamline

Sophomore Class.

ALLEN, W. B.,	Dundas
BEALL, H. M.,	Wabasha
BER, ADELAIDE,	Hutchinson
BILLING, ARCHIE S.,	St. Francis
CLULOW, GEORGINA,	Brainerd
DAVIS, MAUDE C.,	Long Prairie
DONALDSON, CHARLES M.,	Tracy
EMERY, EDNA,	Fulda
FOSTER, MABEL,	Winona
GEISER, HELEN M.,	Monticello
GIBERSON, ANNA M.,	Farmington
GIBERSON, WM. J.,	Farmington
GILLIS, EDITH,	Fairmont
GOODSELL, MABEL A.,	Grand Meadow
HILLMAN, HARRY L.,	Greenwich, N. Y.
JONES, SARA M.,	Luverne
KOCH, LEONORA E.,	Hamline
KRAFT, ROSE E.,	Farmington
MCCORD, FRANK B.,	Annandale
MATCHETT, BELLE,	St. Paul
MORSE, FRANK S.,	Slayton
NELSON, MARSHALL,	Osceola, Wis.
PETERSON, FRANCES,	Geneva
ROBINSON, S. FORD,	Hamline
ROBSON, MAUDE A.,	Red Wing
SCHLATTMAN, EDWARD,	Alberta
SCHLICHTING, FLORENCE,	Kasson
TEMPLE, STERLING N.,	Morristown

Freshman Class.

BATHEN, RUBY,	Fulda
BERRY, NINA L.,	La Porte City, Ia.
BEVIER, MILDRED,	LeRoy
BROBECK, ADELINE M.,	Kenyon
COOK, GARFIELD,	Blue Earth
COVEL, SUSY A.,	Alexandria
DAHLGREN, CARL L.,	Hector
EATON, FRED C.,	Herman
FINKE, WALTER J.,	St. Paul Park
FLINT, FERNA C.,	Hamline

GIVLER, ROBERT C.,	St. Paul
GRALING, EVA B.,	Spring Valley
GUNTHORP, HORACE,	Edgeley, N. D.
HARTER, OLIVE E.,	Owatonna
HAYNES, CHARLES E.,	Miles City, Montana
HICKMAN, EUGENE C.,	Slayton
HOLT, EDITH,	Ono, Wis.
HOOVER, ARTHUR W.,	Dundas
KEAST, CHARLES P.,	Hamline
KING, MAE I.,	Plainview
LITTLE, MABEL J.,	Kasson
NORRIS, WILLIAM K.,	Balmoral
OLESEN, PETER,	Hamline
PROBST, CHARLES A.,	Wabasha
QUIST, HENRY W.,	Chisago City
ROBINSON, J. M.,	Seattle, Wash.
SCHOLBERG, HENRY C.,	Clinton
SPEAR, A. E.,	Owatonna
SPENCE, EFFIE,	Herman
SPENCER, VIOLA M.,	Wabasha
SQUIRE, F. H.,	Hanley Falls
SQUIRE, LIBBEY,	Grafton, S. D.
STEWART, S. D.,	Williston, N. D.
TAYLOR, MAUDE,	Pipestone
TOWNLEY, ARTHUR,	Wrightstown
VICKERY, R. A.,	Mora
WALLACE, ERNEST,	Hamline
WATSON, BESSIE H.,	Morris
WHITE, EVA M.,	Blue Earth
WHITE, HOPE E.,	Winnebago City
WILKINSON, JAMES E.,	Alden
WILLING, MATTHEW H.,	Lakefield
WINTER, C. B.,	Hamline
WOOD, EFFIE M.,	Hamline

Specials.**(a)**

ALBERTSON, C. C.,	Hamline
ANDREWS, ARTHUR P.,	Bloomer, Wis.
BELDEN, ELSIE,	Montrose
BERRY, JOHN E.,	Osceola, Wis.
BOYER, BURTON T.,	Hamline
BRADY, J. ALLEGRE,	St. Paul
CHARITON, J. WESLEY,	Boardman, Wis.
DAVIDSON, ELIZABETH,	New Rockford, N. D.
DICKINSON, BURR A.,	Lakeland
ELLISON, CHARLES,	Hamline
ELLISON, JAY,	Hamline
EREST, MINNIE,	St. Paul
GILMORE, WALTER B.,	Mabel
GRAHAM, MYRTA,	Little Falls
GRAVES, C. D.,	Waterville
HURSH, MARION M.,	Henning
JOHNSON, BYRON M.,	Alexandria
JOHNSTON, GERTRUDE,	Glenwood, Wis.
KURZ, JOHN W.,	Annandale
LASELL, MABEL,	Waubay, S. D.
LINDAHL, MARGARET,	Winnebago
MCCALLAM, AGNES,	Hamline
MCCORD, JESSIE B.,	Annandale
McMURRAY, H. G.,	Park River, N. D.
MASSEE, CHARLES,	River Falls
MILLER, RAY,	Hamline
MITCHELL, HOWARD,	Eden Prairie
MYRTA, HUGH A.,	Park River, N. D.
NICHOLS, MAMIE E.,	Little Falls
OBERG, ANTON C.,	Watertown, S. D.
OLSON, ELIZABETH,	Afton
PACKARD, CHARLES L.,	Lakefield

Thomas Arkle Clark

Hamline University.

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PARISH, SAMUEL L.,	Barnum
PERSINGER, FLOYD T.,	Howard Lake
PRICE, EMMA,	Fulda
RADER, D. PAUL,	Lake City
RANDOLPH, MARION G.,	Valley City, N. D.
SECOR, JOHN H.,	St. Paul
SHEPHERD, MARY C.,	Hamline
TART, MYRTLE,	Alexandria
TAYLOR, W. R.,	Mount Vernon, Mo.
TUCKER, JAMES H.,	Hastings
WILSON, CHARLES E.,	Hamline
WINSTON, CORA R.,	Hamline
WOLFE, REBECCA,	Morristown
WORMAN, O. E.,	Marshall

(b)

BAKER, CLARENCE M.,	La Moure, N. D.
DAVIS, AVERY J.,	Prescott, Wis.
DAVIS, EDDIE,	Glencoe
DAVIS, WM. E. C.,	Minneapolis
FREDERICKSON, IDA,	Lakefield
GIVLER, PAUL,	St. Paul
HOUGER, BERTHA,	Winnebago
JENNINGS, CHARLES,	St. Paul
KENNEDY, DUNCAN L.,	Marshall
LINDSEY, MARION M.,	Hamline
MATTHEWS, MAUD,	Ortonville
MILLIE, MAY,	Hancock
MOSES, CLARIBEL,	Alexandria
RANSON, EDITH H.,	Dodge Center
REED, GRACE E.,	Pipestone
REID, GEO. M.,	Belfast
THOMPSON, SADIE,	Eagle Bend
WALLACE, BEATRICE,	Duluth
WENNERLUND, GERDA,	Willmar
WOLFE, EMMA,	Harris

Those classified as College Specials are:

- (a) College students who are conditioned in their work.
- (b) Special students who do not expect to graduate.

COURSE OF STUDY.

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course.

Requirements for Admission to the Freshman Class.

Classical Course.

LATIN :	Cæsar, Gallic War, four books.
	Virgil, Aeneid, six books.
	Cicero, five orations.
	Latin Grammar, Allen and Greenough's or an equivalent.
	Latin Prose Composition.
GREEK :	Xenophon, Anabasis, four books.
	Homer, Iliad, 1,600 lines.
	Greek Grammar, White's First Greek Book.
	Composition based on Anabasis first two books.
MATHEMATICS :	Prosody, Sight Reading.
	Plane and Solid Geometry.
ARITHMETIC :	Algebra, through Quadratic Equations.
	Including the Metric System.
ENGLISH :	English Grammar and Analysis.
	Elementary Rhetoric and Composition.
HISTORY :	History of the United States.
	General History.

Latin Scientific Course.

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics, and Physiology.

Examination for Admission.

The regular examination of candidates for admission is held on the Monday of Commencement week. A second examination is held on the first day of the Fall term. Graduates of high schools are admitted, upon the presentation of their certificates, to the Freshman Class, without examination.

Record and Examination.

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

Advance Standing.

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

Registration—Deficient Work.

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

Senior Theses.

Each Senior before graduation is required to present an approved theses of at least 3,000 words. The subject and matured scheme of said theses shall be presented to the Standing Committee on Theses Thanksgiving week, and the completed theses shall be presented by the opening of the spring term.

Degrees.

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

Master's Degrees.

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount, to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and before the degree is conferred an additional fee of \$5.00 will be charged.

Course of Study by Departments.

Latin.

COURSE A.—*Livy*, Books I and XXI, four times a week for the fall and winter terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic war. Required of all Freshmen.

COURSE B.—*Horace*, four times a week for the spring term. A Reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rhythmical reading of the odes. Required of all Freshmen.

COURSE C.—I. *Terence*, five times a fortnight for the fall term. to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. *Cicero*, five times a fortnight during the winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. *Horace*, five times a fortnight during the spring term; the *Ars Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—In the fall, winter and spring terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation. Open to those who have taken courses A, B and C. This course will be given in alternate years, commencing with 1902-1903.

COURSE E.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B and C.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

Greek.

COURSE A.—I. Lysias, select orations.

II. Xenophon, *Memorabilia*.

III. Homer, *Odyssey*.

In the *fall* and *winter* terms Composition based on part of the work will be given, with a view to imparting familiarity with the idioms and style of Attic Prose. Topics and discussions throughout the year. Daily. Required of classical Freshmen.

COURSE B.—Plato, *Apology*; Sophocles, *Antigone*; Demosthenes, *De Corona*, or New Testament. Elective for Sophomores. Three hours a week.

COURSE C.—An elective two hours a week is provided for Juniors or Seniors.

Throughout the course special emphasis is laid on sight-reading, and studies in word composition and derivation. Constant reference is made to ancient Greek geography, history, philosophy, mythology, art, manners and customs.

German.

COURSE A.—*Beginning German.* Joynes-Meissner, German Grammar and Hewett's Reader are studied entire. Special attention is given to conversation based on each lesson, to pronunciation, and to the reading and memorizing of short poems. Daily. Course A in either German or French is required.

COURSE B.—*Advanced German.* The works used in this course vary from year to year. In 1903-04 the course includes Lessing's Nathan der Weise, Schiller's Jungfrau von Orleans and Wallenstein, Goethe's Egmont, and others. A volume of lyrics and ballads is read. Daily practice in conversation and frequent discussions of authors and literary topics. During the winter term one month is devoted to composition work based on Hillern's Höher als die Kirche. Elective for Juniors.

COURSE C.—*The Modern German Drama.* The aim of this course is to present a general outline of German life in the nineteenth century as reflected in the drama exclusive of the classical works of Goethe and Schiller, which belong more properly to the study of the preceding century. Lines of literary development are carefully traced. Among the authors studied are Heinrich von Kleist, Grillparzer, Wildenburch, Sudermann and Hauptmann. This is a half course extending through the year.

French.

COURSE A.—*Beginning French.* I. Fall term, Grammar, Bézziat de Bordes. Irregular verbs carefully studied. Daily work in Conversation. Whitney's French Reader.

II. Winter term. Composition and conversation based on La Dernière Classe and Le Siège de Berlin. Mérimées Colomba and short stories.

III. Spring term. Reading and conversation. Study of idioms. The works read include Dumas' Swiss Travel, La Grammaire, Le Voyage de M. Perrichon, and others. Elective for Sophomores.

COURSE B.—*Advanced French*. A half course through the year. The works read are Molière's *Le Bourgeois Gentilhomme*, Corneille's *Le Cid*, Racine's *Esther*, Hugo's *Hernani*, De Musset's *Trois Comédies*, Maupassant's *Huit Contes Choisis*. Composition work during the winter term. Elective for Juniors.

Rhetoric and Theme Writing.

COURSE A.—*Freshman Rhetoric*. Study of the principles of English prose style. The work is based upon Wendell's *English Composition* and Gardiner's *Forms of Prose Literature*. Selected Essays of Addison, Johnson, Macaulay, DeQuincey, Carlyle, Arnold, and Ruskin are studied to illustrate the principles enunciated. Twice a week throughout the year. Required of all Latin Scientific Freshmen. Elective for Classical Sophomores.

COURSE B.—*Freshmen Theme-Writing*. All Freshmen meet once a week for instruction in the writing of themes and the criticism of themes written. Frequent daily paragraphs and weekly themes are required. In the fall term emphasis is thrown upon the making of effective and artistic paragraphs of all kinds; in the winter term upon expository paragraphs and whole compositions; in the spring term upon critical themes or orations.

COURSE C.—*The English Essay: Its History, Form and Style*. Representative essays from Addison, Steele, Goldsmith, and Stevenson, and the essays entire of Bacon and Lamb are studied in class. Frequent practical exercises. Once a week throughout the year.

COURSE D.—*Debate*. A course in the study and practice of Argumentation. Several noted arguments are analyzed by the class, briefs are studied and made, and extempore debates are given by appointed disputants. Carefully written arguments are also required. Once a week throughout the year.

COURSE E.—*Narration and Description*. A course in the study and practice of the principles of narrative and descriptive writing. For illustration of the principles, the class will read the short stories of Hawthorne, Irving and Poe, and will analyze several of the most famous novels of the nineteenth century. Once a week throughout the year.

COURSE F.—*Orations and Speeches.* The work in this course includes the study of the theory of oratory, the analysis of selected American orations and the making of orations and speeches. Special attention is given to the style of the orations of Webster and of the speeches of Lincoln. Once a week throughout the year.

Courses C and D are omitted in 1903-1904. All Juniors and Sophomores are required to take either E or F.

English Literature.

COURSE A.—*Outline History and Rapid-Reading Course.* Winchester's Principles of Literary Criticism and either Pancoast's Introduction or Stopford Brooke's Primer serve as guides. The text-books are supplemented by lectures upon the historical significance of the authors treated and selections read. The object of the course is to give a clear understanding of the nature of literature and of literary criticism, a knowledge of literary types, and an intelligent appreciation of the best that has been done in English from Chaucer to the present time.

The selected works examined may be grouped as follows:

Fall Term.—Chaucer's Prologue, Nonne Preestes Tale, Knightes Tale; Spenser's Faery Queene, Book I.; Palgrave's Golden Treasury, Books I. and II.; Dryden's Palamon and Arcite.

Winter Term.—Shakespeare's As You Like It and Macbeth; Milton's Paradise Lost, Books I.-VI., Comus, Lycidas, etc.; Dryden's Hind and Panther, and Absalom and Archithophel.

Spring Term.—Golden Treasury, Books III. and IV.; Pope's Rape of the Lock and Essay on Man; Goldsmith's Deserted Village and Traveler; Cowper's Task; Coleridge's Ancient Mariner; Keats's Eve of St. Agnes; Scott's Marmion.

COURSE A is elective for Sophomores. Four times a week throughout the year.

COURSE B.—*English Literature, 1750-1830.* The history of the revival and growth of English Romanticism and its connection with the French Revolution are traced in lectures by the instructor. The students are required to read and thoroughly examine the bulk of Wordsworth, Scott, and Byron, and essentially all the poetry of Coleridge, Shelley, and Keats. The fall term is given to Wordsworth and Coleridge, the winter term to Shelley and Keats, and the spring term to Byron and Scott. Four times a week throughout the year. Open to Juniors and Seniors who have taken Course A.

(This course will be omitted 1903-1904.)

COURSE C.—*Shakespeare.* A critical analysis of Shakespeare's poetic and dramatic art as represented in his poems, his sonnets, and in fifteen of his greatest dramas, with collateral readings in other Elizabethan dramatists. The work may be outlined as follows:—

Fall Term.—Midsummer Night's Dream, Romeo and Juliet, Richard III., Henry IV., Henry V., Merchant of Venice. Collateral Readings: Comedy of Errors, Jew of Malta, Merry Wives of Windsor.

Winter Term.—Much Ado About Nothing, Hamlet, Lear, Othello, Julius Caesar. Collateral Readings: Twelfth Night, Jonson's Alchemist, Beaumont and Fletcher's Philaster.

Spring Term.—Antony and Cleopatra, Tempest, Winter's Tale, Sonnets, Venus and Adonis. Collateral Readings: Rape of Lucrece, Ford's Broken Heart; Webster's Duchess of Malfi. Elective for Juniors and Seniors who have taken Course A.

COURSE D.—*Victorian Literature.* A critical study of the individual writers of the Victorian age. The readings for this course are done outside of the class room by general and special assignment. The class room work consists of reports, discussions and lectures. The course requires two successive years' work, and is divided as follows:

Part I. Victorian Prose Masters: Carlyle, Newman, Ruskin, Arnold, with illustrations from Thackeray, Eliot, and Meredith.

Part II. Victorian Poetry: Tennyson, Arnold, Clough, Browning, the Rosetti's, with illustrations from Morris and Swinburne. Part II. will be given in 1903-1904. Twice a week. Open only to those who have had Course A and either Course B. or Course C.

BIBLICAL LITERATURE.—The Bible work for the Junior year is assigned to this department. The work for the year 1903-1904 will be a literary interpretation of Job, of Isaiah, and of Revelation. The class room work consists chiefly of lectures interpreting the books read.

Mental and Moral Philosophy.

COURSE A.—*Psychology*, four times a week through fall term.

This is a general elementary course of study of the outlines of the science, it is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—*Moral Science*, four times a week during Winter term. Optional for Seniors.

COURSE C.—*Natural Theology*, twice a week through Spring term. Optional for Seniors.

COURSE D.—*Evidences of Christianity*, three times a week through Spring term. Optional for Seniors.

COURSE E.—*Logic*, three times a week through Spring term. Optional for juniors and Seniors.

English Bible.

Bible Study. Once a week throughout the course each college class devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the Scriptures and a higher development of the life.

History and Political Science.

II. History.

COURSE A.—*Modern History.* A half-study throughout the year, elective for the Sophomores. Fisher's *Modern History* is used as the basis. The first term is devoted to the sixteenth and seventeenth centuries, the second to the eighteenth, and the third to the nineteenth century. The work consists largely of topics assigned to the students for special study, each student placing an analysis of his work upon the board and giving the class the results of his investigations.

COURSE B.—*Science of Government.* A half-study required during the first two terms of the Junior year. Wilson's *State* will be used as the basis, with supplementary work in Bryce's *American Commonwealth*. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—*History of Civilization.* A full study, optional with the Seniors for the Fall and Winter terms. Especial attention is paid to the causes and results of the chief events in the history of the world and to the progress of civilization. Lectures are given by the professor in charge, and topics are assigned for individual research. Subjects for more extended investigation are also assigned, upon which the students are expected to lecture before the class once each during the year.

II. Political Economy.

COURSE A.—*Introduction* to the Study of Political Economy. Three times a week, optional with the Juniors for the Spring term. Bullock's *Political Economy, Advanced Course*, is used as the basis. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—*Advanced Course.* A full study, optional with the Seniors. The first term is devoted to the subjects of international trade, money and taxation; the second term to the problems connected with distribution; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

COURSE C.—For resident graduates or for members of the Senior class who have shown especial proficiency and have time for more thorough investigation. This course will consist largely of library work in charge of the professor, and of theses read before the Senior class.

Education.

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken as a half study, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed.

International Law.

Three times a week, optional with the Seniors during the Spring term. The work consists of lectures by the professor in charge, and topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

Mathematics and Astronomy.

COURSE A.—*Plane and Spherical Trigonometry*. Five times a week. Fall term.

II. *University Algebra*. Functions. Theory of Limits, Derivatives, Development of Functions in Series, Convergency and Summation of Series, Computation of Logarithms, Chance, Choice, Graphic Solution of Equations and Systems.

Five times a week, winter and spring terms.

This course required of all Freshmen.

COURSE B.—*Analytical Geometry*. Five times a fortnight during the entire year. This course is elective for all who have had Course A, and is offered only on alternate years; it will be open in 1904-5.

COURSE C.—*Calculus*. Five times a fortnight during the entire year. This course is elective for all who have had Courses A and B and is offered only on alternate years; it will be open in 1903-4.

Physics.

COURSE A.—*Elementary Mechanics*. This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores.

COURSE B.—*Physics*. Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases, sound, heat, electricity and magnetism, and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores.

COURSE C.—*Physics*. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for Seniors.

Chemistry.

COURSE A.—*General Chemistry*. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Juniors.

COURSE B.—*Basic and Acid Qualitative Analysis*. I. This course extends through the third term of Junior year three afternoons each week. It consists largely of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. Especial attention is next given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. The work is accompanied by a course of expository lectures, and especial attention is given to the subject of the chemical equation. Elective for Juniors.

COURSE C.—*Quantitative Analysis*. This course extends through the Senior year. The student is first taught the use of the balance, and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for Seniors.

COURSE D.—*Organic Chemistry*. A short course in organic chemistry on the basis of Remsen's "Chemistry of the Carbon Compounds." Laboratory work, lecture and recitations. Two terms of Senior year, two afternoons a week.

Biology.

COURSE A.—*Elementary Invertebrate Zoology*. Three times a week, for three terms, as follows:

- I. Frog Protozoa, and Coelenterates, Fall term.
- II. Echinoderms, Scolecids and Mollusks, Winter term.
- III. Annelids and Arthropods, Spring term.

The purpose of this course is two-fold; first, to train students to the habit of study direct from nature; and, second, to teach the diversity of form and mode of life found in Invertebrates. Freshwater or land animals are selected as far as possible. Groups are taken up in succession, several representative forms of every principal group are examined in the laboratory, and the work is recorded by drawings. This foundation is supplemented by text book and lecture studies, and the student is obliged to report his work in a permanent form. There are frequent written quizzes. Required of all Latin-Scientific Freshmen, optional for Sophomores in the Classical Course.

COURSE B.—*General Biology*, two afternoons a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protooccus, Pennicillium, Spirogyra, Geranium Leaf, Paramæcium, Vorticella, Hydra and other subjects. The physiological conditions of cell life are investigated on Yeast as a subject: diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations. This course is preliminary to Course F, Botany and must be taken before that course; optional for Sophomores, Juniors and Seniors.

COURSE C.—*Vertebrate Morphology*, two afternoons a week through the Winter term. This is a course of practical dissection of a fish, salamander and a number of mammalian organs, such as the eye, brain, heart, lungs, together with lectures on the comparative anatomy of vertebrates, and is preliminary to the course in Human Physiology, and is optional for Sophomores, Juniors or Seniors.

COURSE C-II.—*Mammalian Histology*, two afternoons a week through the Spring term. This is an elementary course of laboratory work and lecture-studies in the histology of the tissues and some of the more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on the study of fresh material and in part on prepared slides, and includes an introduction to the technique needed in preparing and mounting material for microscopical study by the simpler processes of fixing, staining, imbedding, sectioning and balsam-mounting of tissue and organs.

COURSE D.—*Mammalian Physiology*, four times a week for the Fall and Winter terms. This is chiefly a lecture and recitation course; demonstrations are given, but the individual laboratory study of physiology is not attempted. The attempt is, however, made so far as possible to consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is optional for Juniors or Seniors, who have completed Courses B and C.

COURSE E.—*Advanced Biology*, twice a week through the Senior year. This is an individual and practical course, intended only for those who are preparing to specialize in biology. It is open only to those who have completed Courses A, B and C, and have shown marked proficiency in practical and theoretical biological work. It is planned to devote the Fall term to mammalian osteology and the Winter term to the dissection of a mammal including all the systems, and the Spring term to Vertebrate Embryology. Other biological subjects may be taken up here in place of the work indicated. No classes are formed or lectures given in this course.

COURSE F.—*Botany*, four times a week during the Spring term, a laboratory course in the morphology and classification of the flowering plants will be offered, optional for Seniors and Juniors who have completed course B. Not to be given in 1903-4.

Geology.

COURSE A.—*Elements of Geology*, four times a week through the Spring term. The course consists of three parts: one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Juniors and Seniors.

NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining, and contain accommodations for fifty-four students at one time. There are twenty-seven compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances so that elementary work in the science can be readily carried on. There is also an extensive museum of Natural History and Geology. All important topics are illustrated directly from specimens, there are many anatomical preparations, and a large collection of histological slides for class use.

Synopsis of the Course of Study.

FRESHMAN YEAR.	
Fall Term.	LATIN.—Livy. 4. MATHEMATICS.—Plane and Spherical Trigonometry. <i>Classical.</i> —GREEK.—Odyssey. 5. Rhetoric. 1. <i>Latin Scientific.</i> —RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. I. 3.
Winter Term.	LATIN. Livy. 4. MATHEMATICS.—Algebra. <i>Classical.</i> GREEK, Lysias. 5. Rhetoric. 1. <i>Latin Scientific.</i> —RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. II. 3.
Spring Term.	LATIN.—Horace. 4. MATHEMATICS.—Algebra. <i>Classical.</i> —GREEK, Xenophon, Memorabilia. 5. Rhetoric. 1. <i>Latin Scientific.</i> —RHETORIC. 3. " " BIOLOGY. A. Course A. III. 3.
SOPHOMORE YEAR.	
Fall Term.	PHYSICS A.—Carhart. 4. GREEK.—Plato, Apology. 2½. ENGLISH LITERATURE.—4. ANALYTICAL GEOMETRY.—2½. GERMAN.—5. HISTORY.—2½. FRENCH.—5. BIOLOGY B.—3. LATIN.—Terence, Literature, 2½. RHETORIC.—E. or F. 1. CHEMISTRY.—4.
Winter Term.	PHYSICS B.—4. GREEK.—Sophocles, Antigone. ENGLISH LITERATURE.—4. 2½. GERMAN.—5. ANALYTICAL GEOMETRY.—2½. FRENCH.—5. HISTORY.—2½. LATIN.—Cicero's Laelius or Pliny's Letters; Literature. 2½. BIOLOGY C. I.—3. RHETORIC.—E. or F. I. CHEMISTRY.—4.
Spring Term.	PHYSICS B.—Lectures. 4. GREEK.—Demosthenes, De Corona. 2½. ENGLISH LITERATURE.—4. ANALYTICAL GEOMETRY.—2½. GERMAN.—5. HISTORY.—2½. FRENCH.—5. BIOLOGY, C. II.—3. LATIN.—Horace, De Arte Poetica or Quintilian; Literature. 2½. RHETORIC.—E. of F. 1. CHEMISTRY.—4.

The figures indicate the number of class exercises per week.

Sixteen exercises per week, including Bible study and rhetoricals, are required. In the Sophomore year these must include either German or French and one Science.

JUNIOR YEAR.

Fall Term.	<p>ENGLISH LITERATURE.—4. RHETORIC.—E. or F.—4. HISTORY.—Government.—3. CHEMISTRY.—Course A.—4. BIOLOGY B.—3. HUMAN BODY.—4.</p>	<p>GERMAN.—5. FRENCH.—2½. LATIN.—2. CALCULUS.—2½. GREEK.—2.</p>
Winter Term.	<p>ENGLISH LITERATURE.—4. HISTORY.—Government.—3. CHEMISTRY.—Course A.—4. BIOLOGY C. I.—3. HUMAN BODY.—4.</p>	<p>GERMAN.—5. FRENCH.—2½. LATIN.—2. CALCULUS.—2½. GREEK.—2.</p>
Spring Term.	<p>ENGLISH LITERATURE.—4. RHETORIC.—E. or F.—1. POLITICAL ECONOMY.—3. CHEMISTRY B.—4. DESCRIPTIVE ASTRONOMY.— Young. 3. BIOLOGY C. II.—3.</p>	<p>GERMAN.—Goethe. 3. FRENCH.—2½. CALCULUS.—2½. GREEK.—New Testament. 2. LATIN.—2. LOGIC.—3.</p>

SENIOR YEAR.

Fall Term.	<p>POLITICAL ECONOMY.—4. PSYCHOLOGY.—4. HISTORY.—Civilization. 4. EDUCATION.—2. ENGLISH LITERATURE.—2 or 4.</p>	<p>CHEMISTRY C.—2. BIOLOGY B.—3. BIOLOGY E.—4. HUMAN BODY.—4. CONSTITUTIONAL LAW.—2. GERMAN.</p>
Winter Term.	<p>POLITICAL ECONOMY.— HISTORY.—Civilization. 4. MORAL SCIENCE.—4. EDUCATION.—2. ENGLISH LITERATURE.—2 or 4. CHEMISTRY C.—2.</p>	<p>CHEMISTRY D.—2. PHYSICS C.—2. BIOLOGY C. I.—3. BIOLOGY E.—2. HUMAN BODY.—4. CONSTITUTIONAL LAW.—2.</p>
Spring Term.	<p>NATURAL THEOLOGY.—Chad- bourne. Lectures. EVIDENCES OF CHRISTIANITY.— Hopkins. 2. INTERNATIONAL LAW.—4. SOCIOLOGY.—4. EDUCATION.—2. ENGLISH LITERATURE.—2 or 4.</p>	<p>CHEMISTRY C.—2. CHEMISTRY D.—2. PHYSICS C.—2. BIOLOGY C. II.—3. BIOLOGY E.—2. GEOLOGY.—4. AMERICAN COMMON LAW.—2.</p>

PREPARATORY DEPARTMENT.

The Preparatory Department, although separated in some respects from the College department, is yet kept in vital connection with it, and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

STUDENTS.

Third Preparatory.

ACKERMAN, ETHEL M.,	St. Paul
BERGAN, IDA,	Hayfield
BERGAN, OTTO,	Hayfield
CAMPBELL, BRUCE R.,	Hatfield
COWGILL, CHARLES H.,	Mankato
DAVIS, CLARENCE G.,	Long Prairie
FINNEY, JOHN M.,	Clinton
GARRISON, O. E.,	Minneiska
HERBER, TRUEMAN M.,	Sams, N. D.
HOUSTON, MAMIE R.,	St. Paul
JOHNSTON, FREDERICK J.,	Brisserein, Manitoba
JOISTAD, ARTHUR H.,	St. Paul
JONES, ETHEL,	St. Paul
KENDALL, CORA E.,	Byron
KINSMAN, EDITH E.,	Hamline
KOCH, SUMNER L.,	Hamline
McFADDEN, JOSEPH,	Webster
MAHOOD, LURA E.,	Cando, N. D.

MANUEL, ARTHUR,	Canton
MILLS, ELMER,	Brookfield
PEMBERTON, LEE R.,	Hamline
PLUMMER, LILLIAN R.,	Minneapolis
ROBINSON, ALTA E.,	Hamline
ROBINSON, NETTIE L.,	Hamline
RYAN, C. S.,	St. Paul
SMITH, CHARLES F.,	Ridgway
SMITH, EDGAR W.,	Minneapolis
STAPLES, ORMA W.,	Stillwater
STOWERS, GERTRUDE,	Hamline
WINTER, WILBER M.,	Hamline
WORMAN, A. E.,	Marshall

Second Year.

BEARDSLEY, HOWARD,	Hibbing
BENTZ, W. B.,	Hamline
BROBERG, ELMER	New London
BROWN, F. J.,	Hanley Falls
CORSER, WAYNE B.,	St. Paul
DAVIDSON, HARRIET M.,	New Rockford, N. D.
DAWSON, ELIZABETH,	Hamline
DREW, GEO. N.,	Hamline
DUNN, GEO. R.,	Hamline
ELLERY, CHARLES G.,	Marshall
ENGLE, LUCINDA,	Hamline
FIXEN, VICTOR,	Minneapolis
GALBRAITH, HENRY L.,	Hamline
GILBERT, GEO. M.,	Duluth
HALL, ELIZA M.,	Balaton
HOUCK, GEORGE,	Prosper
HOUSTON, FRANCES,	St. Paul
JENSEN, JOHN,	St. Paul
JOHNSON, MERRILL L.,	Claybank
KAUDER, GEORGE L.,	Lakefield
MEANEY, HENRY W.,	Mankato
MERICKEL, GEORGE G.,	Hamline
MOLYNEAUX, F. A.,	Winnebago City
NICKLASON, ROY F.,	Fargo, N. D.
OERTING, HARRY,	Hamline
OLSON, ARTHUR E.,	Afton

PAGE, CLARENCE P.,	Hamline
PERKINS, WALTER C.,	Money Creek
PETERSON, ALBERT V. A.,	St. Paul
RANDALL, FRANK,	St. Paul
REED, ETHEL E.,	Pipestone
SCHOCH, R. B. J.,	Maple Grove
SMITH, EVA S.,	Beardsley
STEVENS, CHARLES B.,	Appleton
TAYLOR, CHARLES E.,	Aitkin
THOMPSON, A. R.,	Hamline
TRIPP, ANNA IRENE,	Hanover, N. D.
UMPLEBY, E. RAY,	Griswold, Ia.
WAIT, WAYLAND,	Henning
WOOD, DORA,	Delavan

First Year.

ACKERMAN, HAZEL,	Hamline
BARSE, ELLA B.,	Waubay, S. D.
BELL, GERTRUDE,	Eden Valley
BENSON, PEARL S.,	Clinton
BLACK, BERNICE,	Clinton
BORENE, EDNA MAY,	Afton
BOYLE, WM. G.,	St. Paul
BRIDGMAN, DOROTHY D.,	Hamline
BROWN, MRS. AMY M.,	Hamline
BUFFUM, CLYDE C.,	Renville
CONSTABLE, EUNICE P.,	Rushmore
DAILEY, ELMER C.,	Walnut Grove
DUNN, GRACE,	Hamline
HALL, MILDRED F.,	St. Paul
HAMRE, THORINE,	Kenyon
HOBE, G. HERBERT,	Bath, S. D.
HULTBERG, CLARIE,	Belgrade
HURSH, FREDERICK C.,	Henning
INWOOD, ELLA A.,	Hamline
KOHAGEN, BENJAMIN,	Duluth
LA TOURELLE, MYRTLE,	Minnetonka Lake
LEAVITT, MADELINE,	Minneapolis
LINDERHOLM, ADELINE,	Belgrade
LUND, EUGENE M.,	Minneapolis
LUTES, GEORGE M.,	Minneapolis

McCOMBS, WILBER L.,	Leavitt
MARSHALL, RAY C.,	St. Paul
MIKKELSEN, W. B.,	Wells
MILLER, ELLEN,	Sanborn, N. D.
PAGE, GENO,	Hamline
PALMER, PHEBE,	Minneapolis
PALMER, WILLIAM A.,	Minneapolis
PARKER, LILLIAN F.,	St. Paul
PARKER, SELBY C.,	St. Paul
PETERSON, LILLY A.,	Minneapolis
REINHARDT, C. F.,	St. Paul
REISHUS, SOUDRE W.,	Cottonwood
REMMINGTON, MRS. N. E.	St. Paul
ROBINSON, STELLA A.,	Hamline
ROSEQUIST LILLIAN,	Afton
ROTHERMEL, JOHN,	McIntosh, Ia.
RUGG, GILBERT P.,	Minneapolis
RUSSELL, PERCY,	St. Paul
SCHMIDT, GEORGE F.,	Minneapolis
SCHUMACHER, JOHN P.,	Springfield
SEPP, GERTRUDE,	Elk River
SMITH, HARRY W.,	Verndale
SMITH, HOWARD,	St. Paul
SMITH, LEON L.,	Verndale
SMITH, NELLIE R.,	Minneapolis
SMITH, PAUL W.,	St. Paul
STARK, ORLOFF L.,	Albert Lea
STONE, ELSIE V.,	St. Paul
STUTTLE, VIOLET A.,	Batavia, Ill.
TAYLOR, LEO,	Minneapolis
TAYLOR, REGINALD,	Minneapolis
THOMPSON, LULU,	Harmony
TING, JOE,	Minneapolis
WALLER, JOHN,	St. Paul
WEEKS, LAWRENCE,	Virginia City, Mont.
ZINK, CLEMENTINE,	St. Paul

Courses of Instruction.

Preparatory Department.

FIRST YEAR.

FIRST TERM.

ALGEBRA.

LATIN. GRAMMAR AND LESSONS.

ENGLISH.

SECOND TERM.

ALGEBRA.

LATIN GRAMMAR AND LESSONS.

ENGLISH.

THIRD TERM.

ALGEBRA.

LATIN.—Cæsar and Latin Grammar.

ENGLISH.

SECOND YEAR.

FIRST TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

Classical.—FIRST GREEK BOOK.

Latin Scientific.—ELEMENTARY RHETORIC.—5

SECOND TERM.

PLANE GEOMETRY.

LATIN.—Cæsar.

Classical.—FIRST GREEK BOOK.

Latin Scientific.—ELEMENTARY RHETORIC.—5

THIRD TERM.

Constructive Drawing.—GEOMETRIC CONSTRUCTIONS.

LATIN.—Cicero.

Classical.—ANABASIS; COMPOSITION.

Latin Scientific.—ELEMENTARY RHETORIC.—5

THIRD YEAR.

THIRD TERM.

SOLID GEOMETRY.—3.

GENERAL HISTORY.—4.

LATIN.—Cicero.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.—Carhart.

SECOND TERM.

SOLID GEOMETRY. ALGEBRA.—3.

GENERAL HISTORY.—4.

LATIN.—Virgil.

Classical.—GREEK.—Anabasis.

Latin Scientific.—ELEMENTARY PHYSICS.

THIRD TERM.

ALGEBRA.—3.

GENERAL HISTORY.—4.

LATIN.—Virgil.

Classical.—GREEK.—Iliad.

Latin Scientific.—ELEMENTARY PHYSIOLOGY.

Under Higher English and Rhetoric is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

DEPARTMENT OF ELOCUTION.

The instruction seeks to develop the individuality of each student, to make mind and body responsive to the thought to be interpreted, to develop bodily freedom, ease and grace, to secure correct and natural use of the voice, to develop a love and appreciation of good literature and to give each student a command of all his powers before an audience.

Exercises in physical culture from the Emerson system are used, and others adapted from the Checkly and Swedish systems.

Private pupils in elocution are admitted to class work free of charge. They also have the opportunity of appearing before audiences in the public recitals which are frequently given.

A certificate is granted for the completion of courses in this department.

In the Junior and Senior years three terms' work in the interpretative study of literature may be substituted for one-half study one term of the college curriculum.

STUDENTS.

BATHEN, RUBY A.,	Fulda
BELDEN, ELSIE,	Montrose
BENSON, PEARL,	Clinton
BER, ADELAIDE,	Hutchinson
BLACK, BERNIECE,	Clinton
BOYLE, WILLIAM, G.,	Hamline
BRIDGMAN, DONALD,	Hamline
BRIDGMAN, DOROTHY,	Hamline
BROBECK, ADELINE,	St. Paul
BROWN, AMY,	Fairmont
CANDELL, PEARL,	Lake City
CHAMBERLIN, GRACE E.,	Dodge Center
CRAWFORD, ROBERT A.,	Hamline
CRAWFORD, WALTER,	Hamline
DAVIS, C. G.,	Long Prairie
DUNN, GRACE,	Hamline
EMERY, EDNA,	Fulda
EVANS, ELIZABETH O.,	Racine
FINNEY, JOHN M.,	Clinton
GILLIS, WILLIAM H.,	Fairmont
GRALING, EVA B.,	Spring Valley
HAMRE, THORINE,	Kenyon
HEAL, PEARL,	Hamline
HUSER, EDNA I.,	Cumberland, Wis.
INWOOD, ANNA M.,	Hamline
JOHNSON, MERRILL,	Claybank
KENDALL, CORA E.,	Byron
KOCH, SUMNER L.,	Hamline
LIBBEY, GERTRUDE,	Red Wing
MATTHEWS, MAUD,	Ortonville
MANUEL, ARTHUR W.,	Canton
MATCHETT, BELLE M.,	Hamline

McCOMBS, VERNON M.,	Hewitt
McCREA, C. HARPER,	Minneapolis
MILLIE, MARGARET L.,	Hancock
MITCHELL, HOWARD,	Eden Prairie
NELSON, FRED C.,	Hamline
OLSON, MARY E.,	Afton
PALMER, PHEBE,	Bloomington
PETERSON, FRANCES,	Geneva
PROSSER, MYRTLE,	Hamline
RANDOLPH, M. G.	Valley City, N. D.
RANSON, EDITH H.,	Dodge Center
RULE, LULU,	St. Anthony Park
RICE, BERYL,	Hamline
SCHOLBERG, HENRY C.,	Ortonville
SCHUMACHER, JOHN P.,	Redwood Falls
SECOR, JOHN H.,	St. Paul
SPENCE, EFFIE,	Herman
SQUIRE, LIBBIE,	Groton, S. D.
SWINNERTON, T. N.,	Hamline
TART, MYRTLE,	Alexandria
TAYLOR, WALTER,	Mt. Vernon, Mo.
WALLACE, BEATRICE,	Duluth
WELLS, FLORENCE,	Hamline
WENNERLUND, GERDA,	Willmar
WHITE, HOPE,	Winnebago
WEEKS, LAWRENCE,	Virginia City, Mont.
WILSON, C. E.,	Chinook, Mont.
WOOD, I. B.,	Hamline
WRIGHT, EDITH E.,	Hamline
WRIGHT, HELEN E.,	Hamline
WYLIE, LULU E.,	Drayton, N. D.
ZINK, CLEMENTINE V.,	St. Paul

DEPARTMENT OF MUSIC.

The Department of Music furnishes instruction in piano playing, singing, harmony and music history.

The instruction in music, both instrumental and vocal, is by private lesson and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

Mason's system of Technique will be chiefly used.

Certificates of ability will be given according to advancement in and completion of this course of study.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course of music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

Students.

BELL, GERTRUDE,	Eden Valley
BENSON, PEARL,	Clinton
BURROWS, MRS. W. P.,	Hamline
CONSTABLE, EUNICE,	Rushmore
HICKMAN, EUGENE,	Slayton
LINDERHOLM, ADELINE,	Belgrade
MCALLUM, AGNES,	Hamline
MCCOMBS, VERNON,	Hamline
MANUEL, ARTHUR,	Canton
MEANEY, H. W.,	Mankato
MORSE, F. S.,	Slayton
PRICE, EMMA,	Fulda
SCHOLBERG, H. C.,	Clinton
THOMPSON, LULU,	Harmony
TRIPP, ANNA,	Hanover, N. D.
WALLACE, BEATRICE,	Duluth
WILLING, MATTHEW,	Lakefield

GENERAL INFORMATION.

Hamline University is situated about midway between the business centers of St. Paul and Minneapolis, and is easily reached from either city by the Interurban Electric Railway, and from St. Paul by the Hamline Line.

LIBRARY.

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 8:20 a. m. until 5:00 p. m. It is free to all students, and they are aided in consulting it by the Librarian and by members of the Faculty. The library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society are in easy reach and freely accessible to all students.

DEPARTMENT PHYSICAL CULTURE.

Physical Culture at Hamline University is under the supervision of a Physical Director and an Athletic Association. The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the necessary apparatus for light and heavy gymnastics. Classes in exercises of an hygienic, educational and recreative character are held for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-around development rather than the train-

ing for special feats of skill or strength. Hand ball and basket ball tournaments are held during the winter term, as well as frequent gymnastic contests and entertainments. In its proper season instruction and opportunity for practice are provided in baseball, football, track and field sports, and skating. A rink for the latter purpose, 300x100 feet, is flooded on the campus. The Athletic Association maintains a football, a baseball and a track and field team, and annually contests for honors with the other colleges of the state.

LADIES' HALL.

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher. All other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

BOARD.

The Dining Hall is in the basement of the Ladies' Hall. It is regarded by the Faculty as desirable that young ladies from a distance should board and room in Ladies' Hall, and they will find it in many ways to their advantage to do so.

In the event, however, of young ladies wishing to board in clubs or in private families, application for permission to do so must be made by their parents in writing to the President or Dean, and each application so made will be considered on its merits. Arrangements for boarding in Ladies' Hall must be made by the term.

Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President obtained before removal.

The cost of board at Ladies' Hall is at present as follows:

Board, per week.....	\$3.00
Washing and ironing, per dozen.....	.50

For guests a charge will be made of 25 cents per meal.

The expenses of board, fuel, washing and light in private families is \$4.00 to \$4.50 per week.

NECESSARY EXPENSES.

Tuition, College Classes, Fall Term.....	\$12.00
Tuition, College Classes, Winter or Spring Term.....	11.00
Tuition, Preparatory Classes, Fall term.....	10.00
Tuition, Preparatory Classes, Winter or Spring Term....	9.00
Incidentals, per term, all classes.....	2.00
Chemical Laboratory fee, per term.....	3.00
Biological Laboratory fee, per term.....	2.00

Apparatus broken by the student will be charged to his account.

Elocution, per lesson.....	1.00
Music, piano or vocal, payable by the term, per lesson of one-half hour	1.00
Vocal Music, per term, in classes.....	2.00
Use of piano, one hour daily, per term.....	2.50
Text-books, per year.....	\$10.00 to 15.00

ESTIMATED YEARLY EXPENSES.

	Preparatory.	College.
Tuition and incidentals.....	\$34.00	\$40.00
Room rent, fuel and light.....	36.00	36.00
Board, thirty-six weeks.....	108.00	108.00
Washing and ironing, 12 pieces per week....	18.00	18.00
Books and stationery, about.....	12.00	12.00
Minimum.....	\$208.00	\$214.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will of course, have to pay higher rates. Music and elocution being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced:

Tuition, incidentals, music and elocution lessons, and piano rent are payable by the term in advance.

Board and room rent are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.

LITERARY SOCIETIES.

There are eight Literary Societies in connection with the College of Liberal Arts. The Philomathean, Amphictyon and Phi Alpha are for college men; Browning, Athenæan and Alpha Phi for ladies; the Zarephatian for young men and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is specially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies for the development of their reasoning powers, and for practice in invention and in the expression of thought.

RELIGIOUS SERVICES.

Students are expected to attend chapel exercises daily, and preaching every Sabbath, at such places as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work.



College of Medicine.

(Minneapolis College of Physicians and Surgeons.)



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- CARL J. LIND, M. D.,
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- FRANKLIN T. POEHLER, M. D.,
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- WM. S. GLOYD, D. D. S.,
Lecturer on Dental Pathology and Therapeutics.
- H. WIPPERT, M. D.,
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In Histology and Embryology.

JOHN F. PLEHN,
In Bacteriology.

ANDREW J. PAULSEN,
In Clinical Microscopy.

Dispensary Clinical Staff.

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F. A. KNIGHTS, M. D.,
Paediatrics.

C. H. BRADLEY, M. D.,
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Surgery.

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Dermatology.

McINTYRE, M. D.,
Surgery.

CALENDAR.

1903.

- Sept. 15.—Tuesday. Entrance examinations, 9 a. m.
Sept. 16.—Wednesday. Entrance examinations, 9 a. m.
Sept. 17.—Thursday. Entrance examinations, 9 a. m.
Sept. 17.—Thursday. Examination for conditioned students, 9 a. m.
Sept. 17.—Thursday. Opening Lecture, 8 p. m.
Sept. 18.—Friday. Lectures begin, 9 a. m.
Oct. 1.—Thursday. Term tickets required for admission to lectures.
Dec. 15.—Tuesday. University day.

Christmas vacation from Dec. 19, 1903, to Jan. 4, 1904.

1904.

- Jan. 4.—Monday. Second examination for conditioned students.
Feb. 1.—Monday. Final payment due on tuition.
Feb. 8.—Monday. Term tickets required for admission to lectures.
Feb. 12.—Friday. Lincoln's birthday; a holiday.
Feb. 22.—Monday. Washington's birthday.
May 16.—Monday. Final examinations begin.
May 30.—Monday. Memorial day; a holiday.
June 7.—Tuesday. Class night exercises, 8 p. m.
June 7.—Tuesday. Alumni clinics, 9 a. m.
June 8.—Wednesday. Alumni clinics, 9 a. m.
June 8.—Wednesday. Annual Alumni meeting, 12 m.
June 8.—Wednesday. Commencement, 2 p. m.
June 8.—Wednesday. Alumni banquet, 8 p. m.

COLLEGE BUILDINGS.

The new college building is situated on the corner of Fifth street and Seventh avenue south, and was finished and occupied on Jan. 1st, 1900.

The college has been exceedingly fortunate in securing its location, immediately opposite the large new buildings of the city hospital, giving unequaled clinical advantages, and the finest location for a medical college in the northwest.

The building now occupied is the south wing only, of the completed structure as it is to be. The site has been purchased to provide for the future growth of the department and is very commodious, containing ample room for all future growth. The entire plans, as drawn, provide for a building one hundred and thirty by one hundred and fifty feet on the ground and most admirably arranged in every detail for the best work.

The south wing now occupied will be ample for the present needs and the immediate future. The large amphitheater seats two hundred and twenty-five. There are two other large class rooms. The dissecting room with adjoining lavatory is large, extending entirely across the building, and admirably lighted across both sides and by skylight. The laboratories are large, airy and carefully arranged for light and convenience. There is a student's reading room and a separate ladies' parlor and retiring rooms. Especial attention has been given to the dispensary rooms which occupy the ground floor. Eleven rooms are devoted to this purpose, with large waiting rooms, history, clinic and drug rooms, giving by far the best dispensary facilities in the city.

ANNOUNCEMENT.

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its twentieth annual course of lectures on Sept. 15th, 1903, at 8:00 p. m., at which time the introductory address will be given in the college amphitheater.

History.

The college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, for the purpose of elevating the standard of medical education in the northwest, and has always maintained the highest standard of requirements. In 1893 it received strong additions to its faculty, and the enrollment has increased rapidly since that time.

In 1895 the college became the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

In the same year the course of study was lengthened to four years, beginning with the class entering for that season.

In 1896 the length of session was increased from six to eight months, and notice was published that on and after the year 1900 a first grade high school diploma, or its equivalent, would be required for entrance, being the first school in the northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the northwest, both in general and special fields of practice.

Beginning with the session 1901-2, the opening of the college year was changed to the third week in September, lengthening the session to nine months.

In 1901 all allowance of advanced standing, except to students from the recognized medical colleges, was done away.

Hospitals.

The clinical facilities of this college are the best that can be obtained in the twin cities, the building being situated in the immediate vicinity of the four chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of all the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist, St. Barnabas, St. Mary's and the Swedish Hospitals, in Minneapolis; and the City and County Hospital, St. Joseph's, St. Luke's and Bethesda Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

The clinical material is being rapidly increased in both cities, but more especially in Minneapolis, where the City Hospital has added largely to its capacity in completing the new wing for contagious diseases, making the total capacity over 250 beds. The Swedish Hospital accommodates 125 patients. The new buildings of Asbury Hospital, to accommodate 200 or more, will be completed, and improvements at St. Barnabas Hospital have added materially to the capacity of this institution. All these hospitals, with over 600 beds, are within five minutes' walk of the college building, giving a wealth of material for practical instruction not excelled anywhere in the west.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

Requirements for Admission.

Entrance Examinations.

Candidates who present a diploma of a reputable college, or of a high school of the first grade, or of the advanced course of a Minnesota State Normal school, or of the preparatory departments of either Hamline University or Carleton College, or of Pillsbury Academy, or of the Minneapolis Academy, will be admitted without examination. The diploma must, however, in every case represent at least one year of Latin.

Candidates who do not possess such qualifications will be required to pass an entrance examination, which will be conducted by an examining board consisting of three members of the faculty

of the College of Science, Literature and the Arts, appointed by the President of Hamline University.

In 1903 the requirements will be the same as the requirements for admission to the freshman class of the College of Science, Literature and the Arts at the present time, and will be as follows:

1. English Composition and Rhetoric.
2. United States History.
3. History of Greece and Rome.
4. Physiology.
5. Physics.
6. Algebra.
7. Geometry.
8. Latin Grammar.
9. Cæsar, four books; Cicero, four orations; Virgil, four books; or German or French in lieu of Cicero and Virgil.

Admission to Advanced Standing.

Only students from accredited medical schools may apply for advanced standing, and must either pass examination in all of the branches which they do not take in this college, or furnish to the Dean certificates of having done satisfactory work in some other reputable college, and passed all of the required examination, for one, two or three years, according as they wish to enter the second, third or fourth year class in this college.

Registration.

At the commencement of each term all students are required to enroll their names and residences in the register of the college. This register shall be closed on the first day of November in each year. Fees are payable to the Treasurer, and must be paid at the time of registration.

Tickets of registration will be necessary for admission to all lectures after October 1st.

DIVISION OF SUBJECTS.

The course of instruction in this college consists of a four years' graded series of lectures, recitations, clinics and laboratory exercises. Each session is of eight and three-fourths months' duration, and the subjects are arranged as follows:

First Year.

Histology and Embryology.
Anatomy.
Chemistry.
Physiology.
Materia Medica.

Second Year.

Anatomy.
Medical Chemistry.
Physiology.
Materia Medica.
Pathology.
Apparatus and Bandaging.

Third Year.

Therapeutics.
Surgical Anatomy.
Pathology.
Bacteriology.
Dermatology and Genito-Urinary Diseases.
Obstetrics.
Gynaecology.
Theory of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.
Clinical Microscopy.

Fourth Year.

Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.
Operative and Clinical Surgery.
Obstetrics.
Gynaecology.
Preventive and Legal Medicine and Medical Insurance.
Neurology.
Psychological Medicine.
Ophthalmology and Otology.
Laryngology.
Orthopaedic Surgery.
Diseases of the Rectum.

No conditioned student will be allowed to enter upon the studies of the third year until all conditions are removed, except by unanimous vote of the faculty.

Tabular View.

First Year.	Second Year.	Third Year.	Fourth Year.
<i>Histology and Embryology.</i> <i>Histology Laboratory.</i> <i>General Chemistry.</i> <i>General Chemistry Lab.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i>	<i>Medical Chemistry and Toxicology.</i> <i>Medical Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Apparatus and Bandaging.</i>	<i>*Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology.</i> <i>Pathology Laboratory.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Dermatology.</i> <i>Genito-Urinary and Venereal Diseases.</i> <i>Theory of Medicine.</i> <i>Physical Diagnosis.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Principles and Practice of Surgery.</i> <i>Clinical Medicine.</i> <i>Clinical Microscopy.</i>	<i>Theory and Practice of Medicine.</i> <i>Principles and Practice of Surgery.</i> <i>Clinical Medicine.</i> <i>Operative and Clinical Surgery.</i> <i>Obstetrics.</i> <i>Gynaecology.</i> <i>Pediatrics.</i> <i>Preventive and Legal Medicine.</i> <i>Medical Insurance.</i> <i>Neurology.</i> <i>*Psychological Medicine.</i> <i>Ophthalmology and Otolaryngology.</i> <i>Orthopaedic Surgery.</i> <i>Diseases of the Rectum.</i>

NOTE—Final examinations in all subjects in Italics. Attendance and quizzes required in all other subjects.

*Lectures in these courses occupy less than full session.

COURSE AND METHODS OF INSTRUCTION.

Anatomy.

The course in anatomy will consist of didactic lectures and practical exercises, with dissection, under the direction of the demonstrator. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available will be required to do all parts twice. The work in this branch covers two years' instruction. Plates, diagrams, models and frozen sections are used freely in illustration.

First Year.—Three times a week throughout the session. Professor Driesbach. Demonstration on cadaver, Dr. Disen.

Second Year.—Twice a week throughout the session. Professor Dreisbach. Dissection and demonstrations, Dr. Disen. Recitations held weekly in both years covering fully all lectures.

Third Year.—Surgical anatomy once a week during last half of session, with continual demonstration on the subject. Prof. Dreisbach.

Histology and Embryology.

Work in this subject includes lectures, laboratory exercises and recitations. Full time is given to laboratory technique to thoroughly familiarize the student with the microscope and laboratory methods. The latter part of the session is given to vertebrate embryology. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for those whose means will not afford purchasing.

First Year.—Lectures or recitations twice a week throughout the session. Laboratory work two hours twice a week. Prof. Dight.

Physiology.

Physiology is taught by lectures, demonstrations and laboratory instruction.

The lectures are replete with demonstrations, affording the students opportunity to see as well as hear. Thus diffusion of gases is shown with the diffusion chambers, osmosis with the osmometer and oxidation in fluids is exhibited in studying the part these physical and chemical processes contribute in sustaining life. The vital processes are studied by frequent demonstrations on the lower animals, exhibiting facts in respiration, the blood and its circulation, digestion, absorption, secretion, the muscular and the nervous systems. The student thus studies the body practically and observes the vital phenomena.

First Year.—Four lectures a week throughout the year, including recitations on all work covered. Prof. Dight.

Second Year.—Four lectures a week through the year, work in the laboratory in experimental physiology and physiological chemistry, in sections each week. The whole work thus gone over is reviewed in quizzes before the final written examination is taken. Prof. Dight.

Chemistry.

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

First Year.—Three lectures a week, continuing through the session, laboratory work two hours three times a week and recitations each week. Prof. Dunn.

Second Year.—Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Dunn. Laboratory work three hours once a week throughout the session, including clinical chemistry. Prof. Dunn.

Materia Medica.

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of

drugs. An unusual amount of time is given to the study of this subject.

First and Second Years.—Two lectures a week through the year. Assistant Prof. Lind.

Pathology.

This subject is taught by lectures, recitations, frequent written quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens before the class. The study in this subject is very complete, covering the processes of disease and the general and special causes of morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

Second Year.—Two lectures a week during the session. Recitations or quizzes each week. Laboratory work two hours twice a week in sections. Prof. Watson.

Third Year.—Two lectures a week through the year. Prof. Watson. Clinical pathology once a week. Dr. Plondke. Recitations or quizzes each week.

Bacteriology.

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail of laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

Third Year.—Two lectures a week throughout the year; recitations each week. Prof. Corbett. Practical laboratory exercises two hours once a week. Prof. Corbett, Dr. Woodworth.

Therapeutics.

The work in this subject following the two years continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch, together with lectures and demonstrations clinically under this and other chairs.

Third Year.—Two exercises a week through the year. Prof. Williams.

Theory and Practice of Medicine.

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This course extends through two years, with final examination on the Theory of Medicine at the end of the third year and Practice at the end of the fourth year.

Third Year.—One lecture a week through the session. Dr. Peters.

Fourth Year.—One lecture a week through the session, with recitations each week on all ground covered. Prof. Moore.

Diseases of the Chest.

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

Third and Fourth Years.—One lecture a week throughout the session. Prof. McDonald. One clinic a week. Prof. McDonald.

Physical Diagnosis and Clinical Medicine.

The work in this department is commensurate with its importance and is thoroughly systematized. It consists of didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work

is done in small sections, drilling the students in the observation and recognition of both normal and abnormal physical signs.

Third Year.—Lecture once a week through the session. General clinics twice a week in the hospital amphitheatres of the Twin Cities. Prof. Meade, Dr. Bradley.

Fourth Year.—Lecture once a week through the year. General clinics twice a week. Section clinics daily. A great part of the work being in small sections, with the personal attention of the instructors. Profs. Meade and Williams, Drs. Bradley, Poehler, Peters, Vieregge, and Nippert.

Dermatology.

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

Third Year.—One lecture and clinic a week during first half of session. Dr. Crume.

Genito-Urinary Diseases.

Lectures on the diseases of the sexual and urinary apparatus, together with ample clinical study at the hospitals and dispensaries.

Third Year.—One lecture and clinic a week during the second half of the session. Dr. Crume.

Neurology.

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens; models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro-therapeutics.

Fourth Year.—One lecture and one clinic a week for the entire session. Prof. Crafts.

Psychological Medicine.

In this subject the complete course is confined to detailed study of the various forms of mental disease and aberration.

Fourth Year.—One lecture a week during first half of session. Prof. Bartlett.

Surgery.

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given, showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

Third Year.—Practice of Surgery, one lecture a week. Prof. Sweetser. Principles of surgery, one lecture a week. Prof. Byrnes.

Fourth Year.—Principles of Surgery, one lecture a week. Prof. Byrnes. Practice of Surgery, one lecture a week. Prof. Sweetser.

Fourth Year.—Course in operative surgery on the cadaver. Dr. Disen.

Fourth Year.—One lecture and clinic a week in orthopaedics. Dr. Wiig.

Clinical Surgery.

Third and Fourth Years.—A two-hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Prof. Sweetser, Prof. Byrnes, Prof. Shimonek.

Second Year.—Instruction in apparatus and bandaging throughout the year. Dr. Wiig.

Ophthalmology and Otology.

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of these organs.

Fourth Year.—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, twice a week. Prof. Simpson. Clinic, three hours once a week. Prof. Williams.

Diseases of the Nose and Throat.

Instruction in this subject consists of lectures and demonstrations in the clinic, including practical training in the use of instruments, the class being divided into small sections as in other special clinics.

Fourth Year.—Didactic lectures once a week throughout the session. Prof. Watson. Clinics in sections three times a week, at dispensaries and hospitals. Clinical Prof. Bettingen. Prof. Watson.

Obstetrics.

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts. All students will have opportunity to conduct clinical study in dispensary and hospital cases.

Third and Fourth Years.—Two lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Prof. Hallowell, Dr. Stevens, and Dr. Bradley.

Gynaecology.

The teaching in this subject for both third and fourth year classes combines didactic lectures, recitations and demonstrations, with clinical observation both in minor and operative gynaecology in sections at the dispensary of the college and the hospitals.

Third and Fourth Years.—Lectures twice a week. Prof. Phillips: Associate Prof. Cary.

Clinics, fourth year, in sections, three times a week. Professor Barton. Third and fourth year, once a week, general clinic. Professor Renz.

Preventive and Legal Medicine and Medical Insurance.

These combined subjects are grouped in a complete and sequent course falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, also the relations that medical science bears to legal questions, and finally the essentials of correct insurance examinations.

Fourth Year.—Two lectures a week, Preventive Medicine, October, November, December. Medical Insurance, January, February. Legal Medicine, April, May. Prof. McCollom.

Paediatrics.

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

Fourth Year.—One lecture a week throughout the year. Prof. Knights. Clinics, each week in sections, in both cities. Prof. Knights.

Dental Pathology and Therapeutics.

A course of didactic lectures on Pathological Conditions of the teeth and jaws, including the antrum and fractures of the maxillæ, and therapeutic measures relating to these, with which the student of medicine should be familiar.

Fourth Year.—One lecture a week for twelve weeks. Dr. Gloyd. Clinical demonstrations at the Dispensary, in sections, once a week for twelve weeks. Dr. Gloyd.

Clinical Microscopy.

1. Microscopical study of diseases of the blood and the proportionate enumeration of the cellular elements in general diseases.

2. Sputum.

3. Examination of the pathological contents of the gastro-intestinal canal.

4. Microscopic urinalysis—the significance and differentiation of organized sediments.

5. Vaginal discharges.

6. Transudates and exudates.

Third Year.—Two hours' lecture on laboratory work, once a week—first semester. Dr. Rishmiller.

ORDER OF INSTRUCTION. FIRST YEAR.

Hour.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.		
10-11	Anatomy. Prof. Dreisbach. Room A.	Histology. Prof. Dight. Room B.	Anatomy. Prof. Dreisbach. Room A.	Histology. Prof. Dight. Room B.	Anatomy. Prof. Dreisbach. Room A.	
11-12		Materia Medica. Prof. Lind. Room B.		Materia Medica. Asst Prof. Lind. Room A.		
1-2	Histology. Laboratory. Prof. Dight.		Chemistry. Prof. Dunn. Room B.		Histology. Laboratory. Prof. Dight.	
2-3		Chemistry. Prof. Dunn. Room B.	Chemistry. Laboratory. Prof. Dunn.	Chemistry. Prof. Dunn. Room B.		
3-4		Chemistry. Laboratory. Prof. Dunn.		Chemistry. Laboratory. Prof. Dunn.	Anatomy. Laboratory. Demonstrations.	
4-5			Anatomy. Laboratory. Demonstrations.			

SECOND YEAR.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	Physiology. Prof. Dight. Room B.	*8:30 Physiological Laboratory.	
10-11	*Apparatus and Bandaging. Dr. Wigg.	Anatomy. Prof. Dreisbach. Room A.	*Apparatus and Bandaging. Dr. Wigg.	Anatomy. Prof. Dreisbach. Room A.	*Apparatus and Bandaging Dr. Wigg.	Medical Chemistry Laboratory. Prof. Dunn.
11-12		Materia Medica. Ass't Prof. Lind. Room B.	11-1 Pathology, Labor- atory. Dr. Watson.	Materia Medica. Ass't Prof. Lind. Room A.	11-1 Pathology. Laboratory. Dr. Watson.	
1-2	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Medical Chemistry Room B. Prof. Dunn.		Medical Chemistry Room B. Prof. Dunn.		Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.
2-3		Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	Anatomy. Laboratory. Dissections. Prof. Dreisbach. Dr. Disen.	
3-4						
5-6	Pathology. Dr. Watson. Room A.	Pathology. Dr. Watson. Room A.		Pathology. Dr. Watson. Room A.		

*Sections.

THIRD YEAR.

HOOR.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9-10	Practice of Surgery Prof. Sweetser. Room A.	Theory & Practice, Prof. Moore. Room A.	8:30 Gynaecology Clinic Prof. Renz. C. & C. H. St. J.	Theory & Practice, Prof. Moore. Room A.	Surgical Clinics, Prof. Sweetser. Room A.	Practice of Surgery, Prof. Sweetser. Room A.
10-11		Principles of Surgery Prof. Byrnes. Room B.	Surgical Clinic, Prof. Shimonski. C. & C. H. St. J.	Physical Diagnosis Dr. Bradley. Room B.	Prof. Byrnes. M. C. H., St. M. H., St. B. H., Sw. H.	Dermatology, Gen. Urinary Dis. Dr. Crume. Room B.
11-12	Diseases of the Chest, Prof. McDonald. Room A.	Gynaecology, Prof. Phillips. Room A.		11-1 Bacteriology. Laboratory. Ass't Prof. Corbett		Gynaecology, Prof. Phillips. Room A.
1-2		Clinical Mummy. Dr. Rishmiller. Port. Lab.	12-1 Pathology. Dr. Ploudke.		Medical Clinic, Prof. Irwin. Prof. Williams. Dr. Bradley. Dr. Pochler.	
2-3	*Surgical Anatomy Prof. Dreisbach. Anatomy Lab.		2:30 Ophthalmology, Prof. Williams.	Operative Gynaecology, Prof. Barton. Room A.		
3-4		Obstetrics, Prof. Hallowell. Room A.	Medical Clinic, Prof. Meade. Dr. Vieregge, Dr. Nierke. Nose and Throat Clinic. Prof. Bettingen.	Obstetrics, Prof. Hallowell. Room A.	Dermatology, Gen. Urinary Clinic Dr. Crume. M. C. H., Asb. H.	
4-5	Bacteriology, Ass't Prof. Corbett. Room B.	Therapeutics, Prof. Williams. Room B.		Therapeutics, Prof. Williams. Room B.		
5-6	Pathology, Dr. Watson. Room A.	Pathology, Dr. Watson. Room A.	Obstetrics, Dr. Stevens. C. & C. H.	Pathology (R), Dr. Watson. Room A.		

*One half Session.

M. C. H.—City hospital. Asb. H.—Asbury Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hospital.
Sw. H.—Swedish hospital. Dis.—College Dispensary. St. Jos. H.—St. Joseph's Hospital. St. Paul. C. & C. H.—City and
County Hospital, St. Paul.

FOURTH YEAR.

Hamline University.

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HOUR.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Practice of Surgery. Prof. Sweetser. Room A.	Theory and Practice. Prof. Moore. Room A.	Gynaecology Clin. Prof. Kenz. C. & C. H. St. J.	Theory and Pract. Prof. Peters. Room A.	Surgical Clinics. Prof. Sweetser. M. C. H. St. M. H. St. B. H. Sw. H.	Practice of Surgery. Prof. Sweetser. Room A.
10-11	Prev. and Legal Med. and Med. Ins. Prof. McCollom. Room C.	Principles of Surgery. Prof. Byrnes. Room B.	Surgical Clinic. Prof. Shimonek. C. & C. H. St. J.	Physical Diagnoses. Prof. Irwin. Room B.		Prev. and Legal Med. and Med. Ins. Prof. McCollom. Room C.
11-12	Diseases of the Chest. Prof. McDonald. Room A.	Gynaecology. Prof. Phillips. Room A.		Diseases of the Nose and Throat. Dr. Watson. Room C.	Gynaecology Clinic. Prof. Barton. M. C. H.	Gynaecology. Prof. Phillips. Room A.
1-2	Nose and Throat Clinic. Sections. Dr. Watson. Dis.	Eye and Ear Clin. & Class. Gynecol. & Class. Simpson Barton. Dis. Paediatrics Clinic. (Sections)	12-1 Pathology. Dr. Plondke. C. & C. H. St. J. H.	Nose and Throat Section. Dr. Watson. Dis.	Medical Clinic. Prof. Williams. Dr. Bradley. Dr. Poehler. M. C. H. St. B. H. Asb. H.	Gynecol. Clinic. Section. Simpson Barton. Dis.
2-3	Disease of Rectum. Dr. Matchow.	Paediatrics. Prof. Knight. Room B.	2-3:30 Ophthalmology. Prof. Williams.	Operative Gynaecology. Dr. Barton. Room A.		Diseases of the Eye and Ear. Prof. Spritt. Room C.
3-4	*Operative Surg. Anatomy Laboratory. Dr. Disen.	Obstetrics. Prof. Hallowell. Room A.	Medical Clinic. Prof. Meade. Dr. Vierege. Dr. Nippert.	Obstetrics. Prof. Hallowell. Room A.		Medical Clinic. Prof. Moore. St. B. H.
4-5	Neurology. Prof. Crafts. Room C.	*Psychological Medicine. Prof. Bartlett. Room C.	Nose and Throat Clinic. Prof. Bettingen.	Dental Path. and Therapeutics. Room C.	Neurology Clinic Prof. Crafts. M. C. H. Asb. H.	Medical Clinic. Prof. McDonald. M. C. H.
5-6			Obstetrics. Dr. Stevens.	Orthopaedic Surg. Dr. Wiig. Room B.		

*One half session.
M. C. H.—City Hospital. Asb. H.—Asbury Hospital. St. B. H.—St. Barnabas Hospital. St. M. H.—St. Mary's Hospital. Sw. H.—Swedish Hospital. Dis.—College Dispensary. St. Jos. H.—St. Joseph's Hospital. St. Paul. C. & C. H.—City and County Hospital. St. Paul.

TEXT BOOKS.

The last edition of the following works are recommended as text-books and for collateral reading:

ANATOMY.

Text-books.—Morris, Gray, Quain, Gerrish.

Collateral Reading.—Weisse's Practical Human Anatomy. McLellan's Regional Anatomy. Humphrey's Human Skeleton. Harrison Allen's Anatomy.

HISTOLOGY AND EMBRYOLOGY.

Text-books.—Piersol, Klein, Minot.

Collateral Reading.—Marshall's Vertebrate Embryology. Schaefer's Essentials of Histology. Stohr's Manual of Histology. Quain's Anatomy.

PHYSIOLOGY.

Text-books.—Kirk's physiology. Foster, American Text-book of Physiology.

Collateral Reading.—Kirke's Handbook of Physiology. Waller, Human Physiology. Hermann's Lehrbuch der Physiologie. Halliburton's Text-book of Chemical Physiology. Fick, Compendium der Physiologie.

GENERAL CHEMISTRY.

Text-books.—Remsen's Briefer Course. Appleton's Qualitative Analysis.

MEDICAL CHEMISTRY.

Text-books.—Purdy's Urinalysis and Urinary Diagnosis. Reese on Toxicology.

Collateral Reading.—Robert's Urinary and Renal Diseases. Ultzmann and Hoffmann's Atlas der Harnsedimente. Taylor on Poisons. Hammarsten's Physiological Chemistry. Vaughan and Novy's Ptomaines and Leucomaines.

MATERIA MEDICA AND THERAPEUTICS.

Text-books.—White, Butler, Hare's Practical Therapeutics.

Collateral Reading.—Brunton's Pharmacology, Therapeutics and Materia Medica. National Dispensatory. H. C. Wood's Therapeutics.

PATHOLOGY.

Text-books.—Delafield and Prudden. Stengel. Ziegler.

Collateral Reading.—Ribbert. Pathologische Histologie. Mallory and Wright, Pathological Technique. Thoma, Pathologische Anatomie.

BACTERIOLOGY.

Text-books.—Manual of Bacteriology, Williams. Bacteriology, Lehman and Neuman. Gerhans Laboratory Course in Bacteriology.

Collateral Reading.—MacFarland, Heim, Sternberg.

THEORY AND PRACTICE OF MEDICINE.

Text-books.—Tyson's Practice of Medicine. Ander's Practice of Medicine. Thompson's Practice of Medicine. Eichorst Practice. Butler Medical Diagnosis. Musser Medical Diagnosis.

Collateral Reading.—Strumpell's Text-book of Medicine. Osler's Practice of Medicine. Pepper's System of Practical Medicine. Allbutt's System of Medicine. Eulenburg's Real-Encyclopædia der Gesamten Heil-Kunde. Twentieth Century Practice of Medicine. Salinger-Kalteyer.

PHYSICAL DIAGNOSIS AND CLINICAL MEDICINE.

Text-books.—Cabot Physical Diagnosis. Jakob Atlas of Internal Medicine. Butler Medical Diagnosis. Vierordt's Medical Diagnosis. Musser's Medical Diagnosis. Strumpell's Text-books of Medicine.

Collateral Reading.—Osler's Practice of Medicine. Fagge and Pvc-Smith's Practice of Medicine. Twentieth Century Practice of Medicine.

PRINCIPLES AND PRACTICE OF SURGERY.

Text-books.—Rose & Carless. Roswell Park's Surgery. American Text-book of Surgery. Macdonald's Surgical Diagnosis and Treatment.

Collateral Reading.—Cheever's Lectures on Surgery. Warren's Surgical Pathology. Stephen Smith's Operative Surgery. Treve's Manual of Operative Surgery. Dennis System of Surgery. Grieg Smith's Abdominal Surgery.

OBSTETRICS.

Text-books.—Parvin, Playfair, Hirst, Lusk, King's Manual, Dorland's Manual, Garrigues, Williams.

For reference—American Text-book of Obstetrics. Schaeffer's Obstetric Diagnosis and Treatment. Schaeffer's Labor and Operative Obstetrics. Grandin and Jarmin. Davis' Obstetric and Gynæcologic Nursing.

GYNAECOLOGY.

Text-books.—Byford, Penrose, Ganignes and Dudley.

Collateral Reading.—Skene's Diseases of Women. Keating and Coe's Clinical Gynæcology. Pozzi's Treatise on Gynæcology.

PEDIATRICS.

Text-books.—Holt's Diseases of Infancy and Childhood. Starr. Rotch's Pediatrics.

Collateral Reading.—Jacobi's Therapeutics of Infancy and Childhood. Keating's Cyclopedia of the Diseases of Children.

NERVOUS DISEASES.

Text-books.—Pott's Nervous and Mental Diseases. Jakob. Oppenheim's Diseases of the Nervous System. Church and Peterson's Nervous and Mental Diseases. Dercum's Nervous Diseases by American Authors. Mills' The Nervous System and its Diseases. Gower's Diseases of the Nervous System. Bramwell's Diseases of the Spinal Cord.

Collateral Reading.—Dana's Text-book of Nervous Diseases. Strumpell's Text-book of Medicine. Sach's Nervous Diseases of Children. Harter's Manual of Diagnosis of Nervous Diseases. Gardinier's Anatomy of the Nervous System.

MENTAL DISEASES.

Text-books.—Berkley. Clouston. Spitska. Chapin.

Collateral Reading.—J. Bevan Lewis. Hyslop, Mental Physiology. Kraepelin, Psychiatrie. Tuke's Dictionary of Psychiatric Medicine. Broner and Bannister, Practical Manual of Insanity.

DERMATOLOGY.

Text-books.—Jackson. Walker. Morin. Schemberg's Compend.

Collateral Reading.—Crocker. Hyde. Van Harlingen. American Text Book.

GENITO-URINARY.

Text-books.—Morton. Keyer. White and Martin. American Text Book.

PREVENTIVE MEDICINE.

Text-books.—Wilson's Handbook of Hygiene. Abbott's Hygiene of Transmissible Diseases. Rohe's Text-book of Hygiene. Egbert's Hygiene of Sanitation.

Collateral Reading.—Buck's Hygiene and Public Health. Copelin and Bevan's Practical Hygiene. Richardson's Preventive Medicine.

LEGAL MEDICINE.

Text-books.—Taylor's Manual or Medical Jurisprudence.

Collateral Reading.—Witthaus and Becker. Reese's Medical Jurisprudence. Hamilton's American System of Legal Medicine. Tidy's Legal Medicine.

OPHTHAMOLOGY.

Text-books.—Fricke. Noyes.

Collateral Reading.—Schweinitz. Fuchs. Loring on the Ophthalmoscope. Landolt on Refraction and Accommodation.

OTOLOGY AND RHINOLOGY.

Text-books.—Field. Politzer. Hovell, Diseases of the Ear and Naso-Pharynx and Ear.

Collateral Reading.—Buck's Manual of Diseases of the Ear. Schwartze, Handbuch der Orenheilkunde. Bosworth.

CLINICAL MICROSCOPY.

Text-books.—Simon's Manual of Clinical Diagnosis. Da Costa, Clinical Haematology. Ewing, Pathology of the Beard. Scott, Clinical and Microscopical Examination of the Urine.

Collateral Reading.—Cabot's Clinical Examination of the Blood. Von Jaksch's Clinical Diagnosis. Sohh's Klinische Untersuchungs Methoden. Rieder's Atlas of Urinary Sediments.

MEDICAL DICTIONARIES.

Lippincott's Medical Dictionary. The American Illustrated Medical Dictionary. Gould's Medical Dictionary. Foster's Encyclopædic Medical Dictionary. Dunglison's Medical Dictionary. Downer's Medical Dictionary. Duane's Medical Dictionary.

EXAMINATIONS.

The final examination in every subject is held at the close of the school year. Private examinations are not allowed except by special vote of the college faculty. Examinations are regularly held at the end of each session. Students are expected to take all the examinations, and if they fail in any branch they will be notified by the Dean and required to present themselves for examination in that branch at the next examination, which will be held on opening day of the next session, and which will be known as the "examination for conditioned students."

At the end of each term of instruction a certificate of attendance will be issued on request, showing the results of examination.

Regular and punctual attendance is required, and, in order to obtain a class certificate, the student must be present at 85 per cent of the lectures in every subject.

The reports of examinations will be mailed to the students, if desired, at the college or at such other addresses as they may direct, after the examinations are completed, and they must not call on the examiners or the Dean for reports.

REQUIREMENTS FOR GRADUATION.

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D. C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least eight months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have paid all fees in full.

FEES AND EXPENSES.

Students of this college will be uniformly charged as follows:

Matriculation fee, payable first year of attendance, only. . . .	\$ 5.00
General ticket, payable each year of attendance (including all charges for lectures, laboratories, clinics, examinations, diplomas, etc.)	80.00
Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses upon payment of	50.00
Material in practical anatomy, per part.	7.50

NOTE.—The City and County Hospital, St. Paul, makes a charge of \$3.00 per senior for attendance on clinics.

A deposit of five dollars as caution money is required from each student at the time of his enrollment. The caution money is repaid the student when he leaves, if there are no charges against him for breakage or damage to apparatus.

Fees are paid invariably in advance: One-half at the opening of the session, and one-half on or before the first of February.

The college reserves the right to change the fees at any time through publication in its annual announcement.

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

BOARD AND LODGING, ETC.

The expense of living in Minneapolis is less than in most other large cities. Students obtain board and room-rent for \$20.00 a month or less, and this sum may be considered adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

Text-books and supplies can be obtained of the College Janitor.

For further information, address

LEO M. CRAFTS, M. D., DEAN,
606 Masonic Temple,
Minneapolis, Minn.

STUDENTS.

COURSE FOR GRADUATES.

FOURTH YEAR.

BENN, FERDINAND G.,	Minneapolis
BOHLAND, E. H.,	Minneapolis
CALDWELL, D. K., PH. B.,	St. Paul
CHEDECK, BENJAMIN H.,	Minneapolis
COOPER, DENTON J.,	Butler, N. D.
CRAMOND, JAMES E.,	Langdon, N. D.
DEAN, HARRIS, D. D. S.,	Anoka
DORAN, GEO. M.,	Manitoba, Can.
EKREM, JOHN M.,	Bangor, S. D.
*FITZGIBBON, JAMES L.,	Minneapolis
FRIEBERG, CARL P.,	Minneapolis
GOSSLEE, GILBERT L.,	Tracy
HEIMARK, JACOB H.,	Clarkfield
JOHNSON, AUGUST E.,	Minneapolis
KENNEDY, WILLIAM J.,	Minneapolis
KLING, FRITZ L.,	Minneapolis
LIMA, LUDWIG,	Cooperstown, N. D.
LORD, BERTRAM E.,	Minneapolis
MCCULLAGH, GEO.,	Minneapolis
MCEACHERN, WALTER A.,	Sandstone
MELECH, HARRY N.,	Minneapolis
MERTENS, JOHN J.,	Minneapolis
MILES, ROBERT SCOTT,	Excelsior
MITCHELL, RALPH S.,	Eden Prairie
MOYNIHAN, ANDREW F.,	River Falls, Wis.
NELSON, EDWARD H.,	Minneapolis
OHNSTAD, JENS,	Deer Forest, Wis.
OREDSON, O. A.,	La Salle

* Deceased.

OWRE, OSCAR,	Minneapolis
PLEHN, JOHN F.,	Minneapolis
POEHLER, FRED C.	Minneapolis
POIRIER, ALEX J.,	Minneapolis
RANDALL, AUVIGNE,	Kingston
STURGEON, FRANK H.,	Edgeley, N. D.
SWENSON, CHARLES,	Rush City
THOM, JAMES,	Grandin, N. D.
TORLAND, ASBJORN,	Minneapolis
WATSON, FREDERICK G.,	Woodlake
WENGER, FERDINAND A.,	St. Paul
WHITTEMORE, ARTHUR A.,	Drayton, N. D.
YOUNG, VICTOR A.,	Minneapolis

THIRD YEAR.

ABBOTT, J. H.,	St. Paul
CHRISTENSEN, WALTER,	Albert Lea
CLEMENTS, STANLEY,	Fargo, N. D.
COFFIN, GEO. H.,	Minneapolis
DAVIDSON, PETER C.,	St. Paul
ELTUN, T. J.,	Northfield
HAGEN, GILBERT L.,	Minneapolis
HEIMARK, ANDREW J.,	Clarkfield
KERMOTT, LOUIS H.,	Fort Totten, N. D.
LARSEN, CARL L.,	Minneapolis
LEBOWSKY, JOSEPH,	Minneapolis
MCGURREN, CHAS. J.,	No. Dakota.
OFSTAD, ARNT E.,	Minneapolis
PAULSON, ANDREW J.,	Stod
PETERSON, ALFRED C.,	Cokato
SCHELDE, EDWIN M., B. S.,	Minneapolis
SHERMAN, HUBERT,	Minneapolis
SIVERTSEN, IVAR,	Minneapolis
STEVENSON, GEO. A.,	Minneapolis

SECOND YEAR.

ABRAMOVICH, JOS. H.,	St. Paul
BLOMBERG, LOUIS C.,	Minneapolis
CARSON, EVAN,	Minneapolis
COX, RICHARD M.,	Granville
FLYNN, WM. T.,	Minneapolis
JONES, GRIFFITH G.,	Minneapolis

JOHNSON, AUGUST E.,	Minneapolis
KOLSET, CARL D.,	Fargo, N. D.
LINDBERG, ALFRED,	Minneapolis
LINDBERG, CHAS.,	Minneapolis
LIVINGSTON, WILL,	St. Paul
LINDE, HERMAN,	Fargo, N. D.
MILLER, HUGH,	Balfour, N. D.
MINGO, FRANCIS E.,	Hamel
NICHOLSON, ALLAN S.,	St. Paul
PETERSON, GEO. E.,	Cokato
POST, JAS. O.,	Minneapolis
PUTNAM, WM. N.,	Minneapolis
ROMEYN, BLANCHE,	Minneapolis
SARHEIM, RASMUS K.,	Minneapolis
SCHUSSLER, OTTO F.,	Minneapolis
TALBOT, ADA ESTHER,	Minneapolis

FIRST YEAR.

ALMKLOV, LIEF,	Cooperstown, N. D.
AUNE, MARTIN,	Minneapolis
BENSON, IVER S.,	Petersburg
BOUCHER, FRANK,	Fond du Lac, Wis.
BRASSETT, ALBERT,	Minneapolis
BUTTURFF, CARL R.,	Wadena
CARLSON, ALVIN E.,	Minneapolis
CROONQUIST, CHAS. L.,	Kentel
DAVIS, GEO. W.,	Fulda
DOHM, ARTHUR J.,	St. Paul
EHMKE, WILLIAM C.,	Lexington
FISKE, M. LOUISE,	Robbinsdale
FROETICH, HERMAN W.,	St. Clair
GLASSBERG, HENRY,	Minneapolis
GHOSTLEY, FRED J.,	Hassan
GROVER, FRED C.,	Minneapolis
HANSON, HORRICK, A. B.,	Belgrade
HEDDING, JOS. A.,	Minneapolis
JOHNSON, JULIUS,	Sacred Heart
KRON, A. E.	Enderlin, N. D.
LA FENIERE, ARTHUR A.,	Minneapolis
LEEbens, JOHN H.,	Fulda
LITCHFIELD, JOHN T.,	Minneapolis
MCLEAN, NEAL B.,	Elmore, N. D.

MELLENTIN, MICHAEL A.,	Sleepy Eye
MONAHAN, ROBERT H.,	Minneapolis
MOYNIHAN, TIMOTHY J.,	River Falls, Wis.
O'DONNELL, JOS. E.,	Minneapolis
OSBORN, BURT F.,	Minneapolis
PEARSON, JOHN H.,	Minneapolis
RABINOWITZ, HARRY,	Minneapolis
RIDLEY, WILLIAM ALVAH,	Minneapolis
RIDGWAY, FLORENCE M.,	Minneapolis
SENN, EDWARD W.,	Kasson
SHELLMAN, CARL J.,	Amor
STEVENS, F. C.,	Minneapolis
STEVENS, ELIZABETH R.,	Good Thunder
SWINNERTON, GEO. F., A. B.,	Minneapolis
TROOEN, PETER O.,	Hendricks
VOYER, EMILE O.,	Minneapolis
WARNER, HALBERT D.,	Minneapolis

SUMMARY.

Fourth year	41
Third year	20
Second year	22
First year	41
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Total	124

DEGREES.

On commencement day, Thursday, June 5, 1902, degrees were conferred on the following:

M. D., C. M. *Cum Laude.*

HASHBARGER, M. M., 94.46 per cent.
 HOLEN, THORVALD, 91 per cent.
 HOVORKA, THOS. J., PHM. D., 91.22 per cent.
 QUITMEYER, OTTO C., 92.43 per cent.
 STRECH, IRWIN D., 95.2 per cent.
 TINGDALE, AUGUST C., 90.54 per cent.

M. D., C. M.

BRUSTAD, AXEL.,	MONAHAN, JOHN A.,
DEERTZ, JOHN J.	MOULTON, RACHEL,
HASHBARGER, M. M.,	NICHOLSON, EDWARD G.,
HELK, HENRY H.,	PECK, LEWELLYN D.,
HIRSCHFIELD, MAX P.,	POWERS, FLETCHER W.,
HOLEN, THORVALD,	QUITMEYER, OTTO C.,
HOVORKA, THOS. J., PH. M. D.,	RYAN, MARGARET,
HUMPHREY, EDWIN, D. V. M.,	STRECH, IRWIN D.,
JOHNSON, OTTO F.,	TANNER, ANDREW W., PH. M.,
KAHALA, ARTHUR A.,	TINGDALE, AUGUST C.,
KING, NELSON M., D. M. D.,	THOMPSON, ALBERT S.,
LARSEN, HARRY A.,	THORKELSON, THORALD,
MCCANN, GEORGE E.,	WOODWARD, ADELAIDE,
McDOUGALD, D. W. S.,	

ALUMNI.

ALLEN, JOS. M., D. V. S.....	1901
ATHERTON, C. O.,.....	1891
BAIER, FLORENCE C.....	1897
BAKKE, OLE	1896
BARTON, EDGAR R.....	1901
BLISS, GEORGE WILLIS	1895
BERGQUIST, CARL E.	1897
BEVAN, CHARLES J.....	1897
BIORN, NELS A.....	1901
BJORNEBY, PETER C.....	1897
BLOMBURGH, AXEL F.....	1897
BLOOM, WM. D.....	1901
BLAKESLEE, FRANK.. ..	1897
BONG, JOHN H.....	1897
BEMIS, CATHERINE A.....	1896
BROWN, EDWARD I.....	1900
BRUSTAD, AXEL	1902
BURLINGAME, R. M.....	1899
BURTON, PAUL H.....	1901
CARLSON, SWAN A.....	1901
CARPENTER, GRANT S.....	1901
CARTER, JOSEPH A., B. A.....	1898
CHANCE, JENNER P.....	1900
CHURCH, RICHARD J.....	1895
CLARK, EDWARD J.....	1898
CLAU, EDWARD M.	1893
CONYNGHAME, E. F.	1886
CRESWELL, WILLIS W.....	1897
DAILY, MILTON	1895

DAVID, OSCAR F.....	1893
DEALEY, JULIA	1897
DEVEREUX, THOS.	1901
DEERTZ, JOHN J.....	1902
DOBSON, WILLIAM C.....	1896
DINAHAN, RICHARD M.....	1897
DORAN, CHAS. W., B. A.....	1901
DORAN, JOHN E.....	1898
DONAHUE, D. J.....	1899
DUMAS, CALIXTE H. D.....	1896
DOUGLAS, ELMER E.....	1894
DYRNES, JOHN O.....	1897
EGAN, MICHAEL	1891
ESSEN, CARL A. C.....	1895
FARNESS, C. W.....	1888
FARR, JOHN M.	1897
FLATTEN, AMOS	1890
FLEMING, ALOYSIOUS S.....	1897
FONGER, JAMES H.....	1900
FOX, JOHN M.....	1901
FOWLER, FRED H.....	1897
GENDRON, JULES	1896
GILL, JOHN R.	1900
GLIM, NELS N.	1898
GOLBERG, MARTIN L., B. S.....	1901
GORDON, DAVID	1897
GRONVOLD, FREDERICK O.	1901
GYLLENBURG, JENNIE	1890
HARSHBARGER, M. M.	1902
HEFFLIN, H. NELSON.....	1895
HALVORSON, K. K.....	1889
HELGERSON, SIGRID	1894
HELK, HENRY H.....	1902
HETLAND, C. L.....	1893
HIRSCHFIELD, MAX P.....	1902
HOUSTON, HUGH E.	1900
HOLEN, TH.	1902
HOVORKA, THOS. J., PH. M. D.....	1902
Hovorka, WENCESLAUS	1897
HUBBARD, EDWARD E.....	1894
HUMPHREY, EDW., D. V. M.....	1902
HYNES, JAMES	1899

JACKSON, CAROLYNE E.....	1897
JAMES, ROBERT J.	1899
JAMESON, ADELINE P.....	1895
JERMAN, WILLIAM L.....	1897
JONES, JAMES D.....	1899
JOHNSON, LEWIS O.....	1898
JOHNSON, OTTO F.....	1902
KAHALA, ARTHUR A.	1902
KIRKHOFF, EDWARD H.	1899
KILBRIDE, THOMAS F.	1894
KING, NELSON M. D. M. D.....	1902
KJELLAND, JACOB S.....	1898
KJELLAND, THORSTEN N.....	1898
KOHLER, GEO. A., PH. G.....	1900
KONITZ, JOHN	1897
KOHLER, FRED G.....	1897
KOPPLEBERGER, HARRY W.....	1897
KRESEL, W. A.....	1897
KRIEDT, DANIEL J.....	1900
KRON, LAURITZ O.....	1901
LEWIS, ARTHUR J.....	1895
LIND, CARL J.....	1897
LOBERG, ADOLPH	1899
LOCKWOOD, LEBARON S. O.	1894
LOWTHIAN, GEORGE H.....	1894
LUTHER, CLARA M.....	1901
LYONS, ADAM	1898
MALCHOW CHARLES W.....	1894
MASON, CHARLES H.....	1899
MCCANN, GEO. E.....	1902
MCCOHN, HANNAH	1890
MCDUGALD, D. W. S.....	1902
MCKEON, PHILIP	1895
MCKEON, JAMES	1890
MCKEON, OWEN	1900
MELBY, OSCAR F.....	1901
MILLER, ROCK P.....	1898
MILLER, FRED C.....	1899
MILLER, HUGO	1896
MILLER, VICTOR J.....	1900
MINTENER, JOHN W.....	1900
MOORE, FRANCIS A.....	1893

MOORE, GEO. B.....	1901
MONOHAN, JOHN A.....	1902
MONOHAN, P. H.....	1886
MOULTON, RACHEL	1902
MURPHY, GUY D.....	1901
MURPHY, WILLIAM B.....	1897
MURRAY, WILLIAM B.....	1890
MUUS, PETER H., B. A.....	1901
NICHOLSON, EDW. J.....	1902
OBERG, OSCAR	1898
OBERG, CARL M.....	1899
OBERG, EMANUEL	1900
O'BRIEN, H. JEFFERSON.....	1895
O'CONNER, JERRY P.....	1900
OFTEDAL, ARNE	1901
OLSON, JENNIE D., M. D.....	1890
OWRE, ALFRED	1895
PECK, LEWELLYN D.....	1902
POWERS, FLETCHER W.....	1902
QUIBMEYER, OTTO C.....	1902
ROYCE, ROLAND	1885
RAINVILLE, SAMUEL	1897
RALEIGH, ROSWELL B.....	1894
REEVE, EDWARD A. T.....	1897
REMICK, LOUIS B.....	1895
RIDGWAY, ALEXANDER	1894
RIDGWAY, JOSEPH	1894
REINHARDT, WALLACE A.....	1896
ROLERTS, EMMA J.....	1901
ROSENTHAL, SIGMOND	1896
RYAN, JENNIE	1893
ROBERTS, FLOYD J.....	1899
ROGERS, GEORGE M. F.....	1899
RJYAN, MARGARET	1902
SASSE, ERNEST G.....	1899
SCANLON, DANIEL L.....	1899
SCANLON, WILLIAM	1896
SCHEFCHIK, J. FRANCES, PH. G.....	1900
SCHLEGEL, HENRY E.....	1897
SCOTT, ERNEST H.....	1888
SHERPING, ERIC, PH. B. A.....	1900
SIMPSON, J. K.....	1884

SKOGEN, THOMAS T.....	1900
SHELLAND, JOHN T.....	1900
SOUR, STEPHEN D.....	1896
SCHULEAN, NELLIE	1893
SPEAR, EDGAR D.....	1901
STRECH, ERWIN D.	1902
SWENSON, AXEL W.....	1901
TANNER, EDWARD. PH. M.....	1902
TANNER, FRANCIS G.....	1895
TAYLOR, HENRY H., D. M. D.....	1895
TESSIER, W. O.....	1887
THEISSEN, WM. M.....	1901
TINGDALE, AUGUST C.....	1902
THOMPSON, ALBERT S.....	1902
THORKELSON, THORVALD	1902
TREAT, VEEDER G.....	1894
TUKE, HENRY C.....	1896
VANDAMME, WILLIAM	1885
VAN KIRK, FRANK J.....	1900
VELINE, OLAF J.....	1897
WARHAM, T. T.....	1897
WARNE, EDWIN G., D. D. S.....	1897
WATSON, CHARLES W.....	1897
WENDT, SAMUEL M.....	1897
WHETSTONE, RAY S.....	1897
WHITING, ARTHUR D., D. M. D.....	1895
WIG, IVER C. J.....	1896
WILCOX, T. E.....	1897
WILLIS, ELLEN E. A.....	1899
WILLIAMS, THEODORE F.....	1890
WITHROW, MORRILL E.....	1897
WILLIAMSON, LUTIE L. S.....	1897
WOODARD, ADELAIDE	1902
WOODWORTH, ELIZABETH	1901
YOUNG, EUGENE W.....	1896

ALUMNI ASSOCIATION**Of the Medical Department.**

(Minneapolis College of Physicians and Surgeons.)

ORGANIZED APRIL 11, 1894.

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members. Meetings are held annually in the college building upon commencement day. The officers of the association are elected annually.

SUMMARY OF STUDENTS.

College of Liberal Arts.

Post Graduate	8	
Senior Class	27	
Junior Class	33	
Sophomore Class	28	
Freshman Class	44	
College Specials	66	206

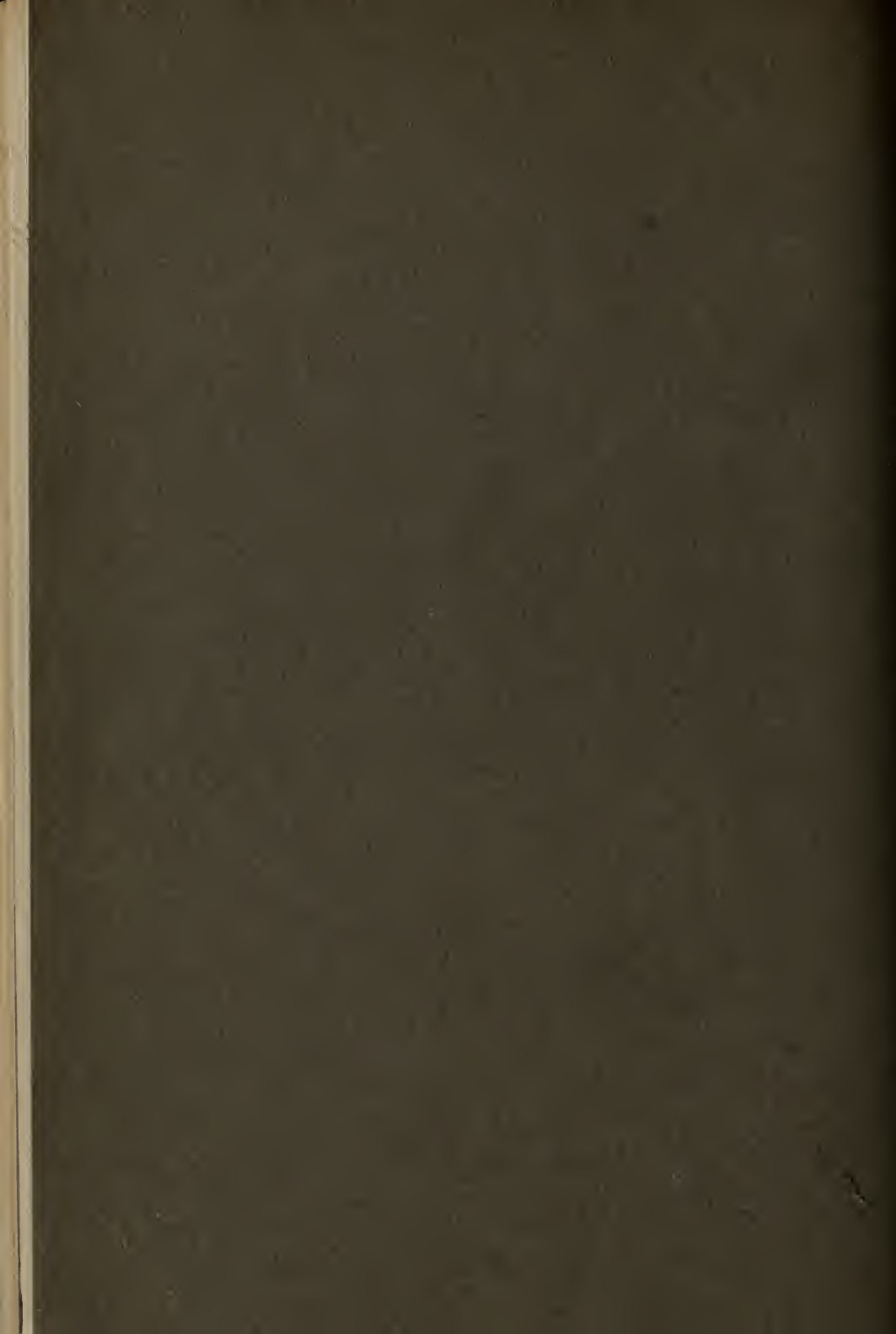
Preparatory Department.

Third year	31	
Second year	40	
First year	61	132

Department of Music	17	
Department of Elocution	64	
Total	419	
Counted Twice	77	
Total College of Liberal Arts	342	

College of Medicine.

Fourth year	41	
Third year	20	
Second year	22	
First year	41	
Total College of Medicine	124	
Total enrollment	466	



81 76
04-05

Hamline University

College of Liberal Arts

Hamline, Minn.

College of Medicine

Minneapolis, Minn.

1904-1905

CATALOGUE

OF

Hamline University

COLLEGE OF LIBERAL ARTS

Hamline, Minn.

COLLEGE OF MEDICINE

Minneapolis, Minn.

1904 - 1905

CALENDAR

1905—September 12, *Tuesday*, Fall Term begins.
September 12, *Tuesday*, Entrance Examinations.
December 14-15, *Thursday-Friday*, Term Examinations.

VACATION OF TWO WEEKS.

1906 January 3, *Wednesday*, Winter Term begins.
March 15-16, *Thursday-Friday*, Term Examinations.
March 16, *Friday*, Winter Term ends.
March 27, *Tuesday*, *Spring* Term begins.
May 21-22, *Monday-Tuesday*, Senior Examinations.
June 3, *Sunday*, 10:30 A. M., Baccalaureate Sermon.
June 4-5, *Monday-Tuesday*, Term Examinations.
June 5, *Tuesday*, 2:30 P. M., Annual Meeting of the Board of Trustees.
June 5, *Tuesday*, 3 P. M., Address before the Historical Society.
June 5, *Tuesday*, 8 P. M., Class Day Exercises.
June 6, *Wednesday*, Alumni Day.
June 6, *Wednesday*, 2 P. M., Annual Commencement.

CORPORATION

Trustees

TERM EXPIRES 1905.

F. A. CHAMBERLAIN, Esq.,	MINNEAPOLIS.
REV. G. H. BRIDGMAN, D. D., LL. D.,	HAMLINE.
HON. W. H. EUSTIS, A. M.,	MINNEAPOLIS.
WATSON S. MOORE, Esq.,	DULUTH.
REV. J. B. HINGELEY, D. D.,	MINNEAPOLIS.

TERM EXPIRES 1906.

BISHOP ISAAC W. JOYCE, D. D.,	MINNEAPOLIS.
HON. M. G. NORTON,	WINONA.
REV. W. McKINLEY, D. D.,	WINONA.
REV. F. A. CONE, D. D.,	NORTHFIELD.
J. M. HACKNEY, Esq.,	HAMLINE.

TERM EXPIRES 1907.

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HON. J. T. WYMAN,	MINNEAPOLIS.
S. S. THORPE, Esq.,	MINNEAPOLIS.
PROF. E. F. MEARKLE, LL. D.,	HAMLINE.
COL. PERRY HARRISON,	MINNEAPOLIS.
HON. JAMES QUIRK,	MINNEAPOLIS.

TERM EXPIRES 1908.

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WILLIAM MOSES, Esq.,	ALEXANDRIA.
REV. ROBERT FORBES, D. D.,	DULUTH.
W. H. WALLACE, Esq.,	REDWOOD FLAHS
REV. J. M. BULL,	CHATFIELD.

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Minnesota Conference

[Who are also ex-officio Trustees.]

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REV. B. C. GILLIS, A. M.

REV. B. LONGLEY, A. M.

REV. W. E. BENNETT, A. M.

REV. A. T. FOSTER.

REV. S. W. SIMONDS.

REV. D. W. GIBERSON.

Northern Minnesota Conference

REV. C. F. DAVIS, A. M.

REV. F. G. CLARK.

REV. I. B. WOOD, A. B.

REV. J. G. MORRISON,

REV. C. T. BEERS, A. M.

REV. W. K. GRAY.

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[Who are Executive Committee ex-officio.]

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B. F. NELSON, Esq., *First Vice-President.*

HON. J. T. WYMAN, *Second Vice-President.*

S. S. THORPE, Esq., *Secretary.*

PROF. E. F. MEARKLE, LL. D., *Treasurer.*

College of Liberal Arts

FACULTY

REV. GEORGE H. BRIDGMAN, D. D., LL. D., PRESIDENT.
James J. Hill Professor of Ethics and Christian Evidences.

LOREN H. BATCHELDER, A. M., DEAN.
Carrie E. Widstrand Professor of Chemistry and Physics.

REV. GEORGE S. INNIS, PH. D., D. D.
Professor of History.

ERASTUS F. MEARKLE, LL. D.,
Rebecca M. Harrison Professor of Political Economy.

HENRY L. OSBORN, PH. D.,
Joseph Dean Professor of Biology and Geology.

WILLIAM E. THOMPSON, A. M.,
*Matthew G. Norton, Jr. Professor of the Latin Language
and Literature.*

ARTHUR Z. DREW, A. M.,
James McLaughlin Professor of Mathematics.

R. WATSON COOPER, A. B.,
Herbert H. Norton Professor of English Literature.

BERTHA BELL, M. A.,
Preceptress.

JAMES S. KING, A. B.,
James L. Norton Professor of Modern Languages.

WILLIAM J. KELLER, A. M.,
Professor of Greek Language and Literature.

ELEANOR MILLER,
Elocution.

D. F. COLVILLE,
Vocal Music.

MATTIE D. WINSTON, PH. B.,
Tutor in Mathematics.

- Z. G. HOLMES,
Instrumental Music.
- J. W. HOLLISTER, A. B., LL. B.,
Director of Athletics.
- STERLING N. TEMPLE,
Assistant in Chemical Laboratory.
- CLINTON H. S. KOCH,
Assistant in Latin.
- HORACE GUNTHERP,
Assistant in Biology.
- FRANK S. MORSE,
Demonstrator in Zoology.
- BERTHA FERGUSON,
Assistant in English.
- PETER OLESON,
Assistant in English.
- ANNA M. DAVIS, PH. M.,
Librarian.
- ARTHUR Z. DREW, A. M.,
Registrar.

COLLEGIATE DEPARTMENT

STUDENTS

POST GRADUATES

ADAMS, ELLEN M.,	History,	<i>Hamline</i>
ANDERSON, LYDIA,	History.	<i>Alma City</i>
DAVIS, MAMIE,	Education,	<i>Canby</i>
GRIFFIN, A. D.,	Political Science,	<i>Kasota</i>
KEMERER, S. W.,	History,	<i>St. Peter</i>
MC COMBS, VERNON,	History,	<i>Madison, N. J.</i>
NELSON, ADOLPHUS P.,	Political Science,	<i>Grantsburg, Wis.</i>
NESOM, GEORGE,	Education,	<i>St. Paul Park</i>
OLSEN, T. A.,	History,	<i>Boston, Mass.</i>
YOUNG, W. W.,	Political Science,	<i>New York City</i>

SENIOR CLASS

ALBERTSON, CLAUDE C.,	<i>Hamline</i>
ALLEN, WM. B.,	<i>Clear Lake, S. D.</i>
BEALL, HOLLEY M.,	<i>Wabasha</i>
BER, ADELAIDE M.,	<i>Hutchinson</i>
BILLING, BEATRICE,	<i>St. Paul</i>
DAGGETT, NELLIE M.,	<i>Hayfield</i>
DONALDSON, CHARLES,	<i>Tracy</i>
EMERY, EDNA P.,	<i>Fulda</i>
FERGUSON, BERTHA,	<i>Drayton, N. D.</i>
GEISER, HELEN M.,	<i>Monticello</i>
GIBERSON, ANNA M.,	<i>Dundas</i>
GIBERSON, WILLIAM,	<i>Dundas</i>
GILLIS, EDITH,	<i>Rushmore</i>
GUNT HOP, HORACE,	<i>Edgeley, N. D.</i>
JOHNSTON, GERTRUDE,	<i>Glenwood, Wis.</i>
JONES, SARA M.,	<i>Luverne</i>

KOCH, CLINTON S.,	Hamline
KOCH, LEONORA,	Hamline
LASELL, MABEL,	Waubay, S. D.
LITTLE, MABEL J.,	Kasson
MATCHETT, ISABELLA,	Hamline
MASSEE, CHAS.,	Menomonie, Wis.
MORSE, FRANK S.,	Slayton
NICKERSON ERNEST,	Hamline
OLESEN, PETER,	Lake Benton
PERSINGER, FLOYD T.,	Howard Lake
PETERSON, FRANCES G.,	Geneva
ROBINSON, S. FORD,	Hamline
ROBSON, MAUDE A.,	Red Wing
SCHLICHTING, FLORENCE,	Kasson
SPEAR, A. E.,	Owatonna
STEWART, S. D.,	Williston, N. D.
TEMPLE, STERLING,	Morristown

JUNIOR CLASS

BELL, MAUDE,	New Richmond, Wis.
BERRY, NINA L.,	La Porte City, Iowa
FOSTER, MABEL,	Rhodes, Iowa
GIVLER, JOHN PAUL,	St. Paul
GIVLER, ROBERT C.,	St. Paul
GOODSELL, MABEL,	Grand Meadow
GRALING, EVA B.,	Spring Valley
HOOVER, ARTHUR,	Merriam Park
KEAST, CHAS.,	Hamline
KING, MAE,	Caledonia
SQUIRE, F. HOWARD,	Hanley Falls
TAYLOR, MAUDE,	Pipestone
WATSON, BESSIE,	Merriam Park
WILKINSON, JAMES E.,	Winnipeg, Canada
WILLING, MATTHEW,	Lakefield

SOPHOMORE CLASS

ATKINS, RUTH E.,	Minneapolis
BRIERLY, JESSIE,	Fargo, N. D.
BUTLER, COLVIN G.,	Fergus Falls

CALDWELL, JAMES P.,	Hamline
CARVER, GERTRUDE,	Wabasha
CONRAD, ELLA C.,	Ortonville
DURHAM, JOHN T.,	Spring Valley
FOSTER, ROBERT M.,	Hamline
HEINS, CHAS. W.,	Hamline
JOHNSTON, FREDERICK J.,	Boissevain, Manitoba
LEAVITT, FAYE,	Lake Crystal
MACKIN, SAMUEL,	Boardman, Wis.
MANUEL, ARTHUR,	Canton
MAYNARD, PEARL,	Long Prairie
PACKARD, RICHARD A.,	Crookston
PUTZ, RODNEY,	Hamline
ROBBINS, ALMIRA,	Stewartville
ROHDE, HENRY J.,	Spring Valley
SAMPSON, DELLA,	Excelsior
SCHEI, LAWRENCE,	Minneapolis
SEAMER, MARY,	St. Paul Park
SIMONDS, CLINTON,	Waterville
STEVENS, FANNY,	Aberdeen, S. D.
STORBERG, DAVID,	Hawley
WEED, CORA ETTA,	Spring Valley

FRESHMAN CLASS

BILLING, OLIVER,	St. Paul
BOHANNON, CHAS. D.,	Elmwood, Neb.
BOWMAN, JAY,	Hamline
BROWN, FRANK,	Hanley Falls
BRYAN, RUTH,	Hamline
CAMPBELL, MARGARET,	Winthrop
CERNOHLAVEK, GEORGE,	Raymond
CONKEY, FRANCES,	St. Paul
COOLEY, DAISY,	Otsego
COOLEY, MYRTICE,	Otsego
CRANDALL, ELBERT W.,	Bushnell, Ill.
DAVIDSON, HARRIET,	New Rockford
DAVIS, ELSIE C.,	Glencoe
DENNSTEDT, LUCINDA,	Olivia
DREW, GEORGE N.,	Hamline
DUNN, GEORGE R.,	Hamline

FERGUSON, LAURA E.,
 GIBERSON, JOHN,
 GILBERT, GEORGE,
 GLEASON, MARIAN,
 GOFF, JOHN W.,
 GOLD, RUTH S.,
 GRANGER, ARTHUR,
 GRAY, FANNY,
 GUNTHORP, OLIVE,
 HALFPENNY, LILLIAN,
 HALVERSON, CORA E.,
 HANSON, ADA G.,
 JASSOY, CARMEN,
 JOHNSON, CARL M.,
 JOHNSON, MERRILL L.,
 JOHNSTON, ELLA,
 JONES, ETHEL M.,
 KIDDER, CHAS. S.,
 KOTTKE, GEORGE,
 KUNTZ, ADA B.,
 LOVE, GEORGE R.,
 LUMLEY, MABEL,
 LUND, SIMON O.,
 MERRY, JESSIE,
 NELSON, IDA,
 NELSON, LAWRENCE O.,
 PACKARD, WILLIAM D.,
 PAGE, CLARENCE,
 PERSONS, MAE,
 RANDALL, FRANK,
 REED, EDITH M.,
 RICHARDSON, ANNA B.,
 ROBINSON, HOWARD,
 SHANNON, PAUL E.,
 TAYLOR, MAYME,
 WYNN, CHARLOTTE,

Kensal, N. D.
 Dundas
 Duluth
 Owatonna
 Drayton, N. D.
 Big Stone, S. D.
 Strathcona, Ont.
 Paynesville
 Edgely, N. D.
 Drayton, N. D.
 Dawson
 Anoka
 Stillwater
 Hamline
 Goodhue
 Glenwood, Wis.
 Hamline
 Marshall
 Renville
 Owatonna
 Preston
 Renville
 Dawson
 Fairmont
 Dawson
 Canby
 Crookston
 Afton
 Valley City, N. D.
 Hamline
 Slayton
 Drayton, N. D.
 Redwood Falls
 Buffalo
 Pipestone
 Minneapolis

SPECIALS

(a) *

ALBERTSON, FAYE,	Hamline
BILLING, ARCHIE S.,	St. Paul
BOYER, BURTON,	Hamline
BROWN, WESLEY C.,	St. Cloud
CAMPBELL, BRUCE R.,	Hatfield
CHARITON, J. WESLEY,	Occidental, Cal.
COOK, GARFIELD,	Blue Earth
COVEL, LUCY,	Springfield
ELLERY, CHAS.,	St. Thomas, N. D.
ERBST, MINNIE,	Hamline
FINNEY, JOHN M.,	Hamline
GAGE, ERNEST,	Lakefield
GARRISON, OLIVER	Hamline
HAINES, EARL S.,	Halleway
HAYES, J. ALLISON,	Hamline
HAYNES, C. E.,	Hamline
HERBER, TRUMAN,	Hamline
JENSON, JOHN,	Hamline
KINSMAN, EDYTHE,	Hamline
KOELSCH, ALBERT,	Douglass
KOELSCH, ARTHUR,	Douglass
LINDERHOLM, ADELINE,	Belgrade
MICKLE, ROBINA WEBB,	Winston, N. C.
MURTA, HUGH,	Graysville
NICKERSON, MARK,	Hamline
NORDBERG, REUBEN,	Minneapolis
OLSON, CLARA,	Cando, N. D.
PALMER, PHEBE L.,	Minneapolis
PARISH, J. L.,	Pine City
PARISH, SAMUEL,	Pine City
PLUMMER, LILLIAN,	Minneapolis
REED, THOMAS E.,	Evansville, Ind.
REID, ROY W.,	Kasson
RYAN, CHAS S.,	St. Paul
SCHOLBERG, HENRY,	Ortonville
SCHUMACHER, JOHN P.,	Hamline
SHEPHERD, MARY C.,	Hamline
SMITH, CHAS.,	Dakota
SIVRIGHT, D. C.,	Hutchinson
THOMPSON, IRVING E.,	Windom
UMPLEBY, E. R.,	Hamline
WOOD, EFFIE M.,	Hamline
WORMAN, ALVIN E.,	Marshall

*Specials (a) are those students intending to graduate who have not made up all college conditions.

SPECIALS

(b) *

BALLANTINE, EMMA,	Hamline
DAVIS, JANE E.,	Boardman, Wis.
DIETER, QUEENIE,	Minneapolis
DRESSEL, EDWIN O.,	Le Sueur
FRANKLIN, FLOYD,	Blue Earth
FRANKLIN, HAZEL,	Blue Earth
HOUCK, GEORGE,	Prosper
HOUSTON, MAYME,	Wood Lake
HOUSTON, FRANKIE,	Wood Lake
JOHNSON, CHESTER,	Grantsburg, Wis.
KUHR, MARIE,	Chinook, Mont.
KUHR, CAROLYN,	Chinook, Mont.
LEAVITT, HARVEY,	Lake Crystal
LEAVITT, MADALINE,	Minneapolis
MATTHEWS, MAUDE,	Ortonville
MERICKEL, GEORGE A.,	Minneapolis
PELTON, MRS. BLANCHE,	St. Paul
PILLING, ROY W.,	Edgerton
TIPTON, WINONA,	Hamline
WALKER, MAUDE,	Drayton, N. D.
WILLIAMS, HUGH O.,	Lake Crystal
WINGARD, MRS. L. G.,	Hamline

*Specials (b) are those students not intending to graduate.

COURSE OF STUDY

I. THE CLASSICAL COURSE, extending through four years, comprises that range of studies which is usually embraced in a college curriculum. Those who complete this course satisfactorily are admitted to the degree of Bachelor of Arts.

II. THE LATIN SCIENTIFIC COURSE, extending through four years, requires no Greek, but in the place of Greek, a more extended course of study is prescribed in Physical Science, English, Mathematics and History. Those who satisfactorily complete this course are admitted to the degree of Bachelor of Philosophy.

Persons desiring to take a partial course will be permitted to select their studies so far as they may be able to recite with regular classes, but new ones will not be formed for their accommodation. They must furnish satisfactory evidence of their ability to pursue profitably the studies they propose to take up before they can be admitted to any of the classes. Under these restrictions every encouragement will be given to those who are not able to take a full course. Special students taking ten hours a week of college work, must register for Rhetoricals and Bible Study.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Classical Course

LATIN :	Cæsar, Gallic War, four books. Virgil, Aeneid, six books. Cicero, five orations. Latin Grammar, Allen and Greenough's or an equivalent. Latin Prose Composition.
GREEK :	Xenophon, Anabasis, four books. Homer, Iliad, 1,600 lines. Greek Grammar, White's First Greek Book. Composition based on Anabasis, first two books. Prosody, Sight Reading.
MATHEMATICS :	Plane and Solid Geometry. Algebra, through Quadratic Equations.
ARITHMETIC :	Including the Metric System.
ENGLISH :	English Grammar and Analysis. Elementary Rhetoric and Composition. Literature.
HISTORY :	History of the United States. General History.
SCIENCE :	Elementary Physiology and Botany.

Latin Scientific Course

Candidates for the Latin Scientific Course will be examined in all the preceding subjects except Greek; and also in Elementary Physics and Chemistry.

Graduates from accredited high schools are admitted to the Freshman Class without examination upon the presentation of their certificates.

Record and Examination

Written examinations are held at the close of each term, and also at irregular intervals during the term. The student's record in any study is made up by a careful estimate of both his daily recitations and his examinations.

Advance Standing

All candidates for advance standing are examined in the studies of the Preparatory Course, and also in the higher studies already pursued by the class they propose to enter, or in other studies equivalent to these.

Registration—Deficient Work

When a student shall have reached the Sophomore year of his College Course, he shall thereafter first register for the study or studies of the corresponding terms of previous years in which he may have been deficient. He shall not register for any subject to the exclusion of a preceding one which he has not completed and which is pursued in the term for which he registers.

Senior Theses

Each Senior before graduation is required to present an approved thesis of at least 3,000 words. The subject and matured scheme of said thesis shall be presented to the Standing Committee on Theses Thanksgiving week, and the completed thesis shall be presented by the opening of the spring term.

Degrees

The degree of Bachelor of Arts is conferred on those who complete the Classical Course.

The degree of Bachelor of Philosophy is conferred on those who complete the Latin Scientific Course.

A diploma fee of \$5.00 is collected of each student at graduation.

Any person who graduates must be in attendance at least during the Senior year.

Master's Degrees

The Master's degree will be conferred only upon the following conditions:

1st. The candidate must have a Baccalaureate degree from this University, or from one having an equivalent curriculum.

2d. He must have completed a thorough course of graduate study, not professional, approved by the Faculty, sufficient in amount, to be a fair equivalent for a fifth year of college work.

3d. By continuous residence, the candidate may receive the degree one year after graduation. In case of partial or complete non-residence, at least two years of study will be required.

4th. On registration as a candidate, a fee of \$5.00 will be required, and before the degree is conferred an additional fee of \$5.00 will be charged.

COURSE OF STUDY BY DEPARTMENTS

Latin

COURSE A.—*Livy*, Books I and XXI, four times a week for the fall and winter terms; to illustrate the early legendary history of Rome and the most thrilling incidents of the Second Punic war. Elective for Freshmen.

COURSE B.—*Horace*, four times a week for the spring term. A reading of the Odes and a few of the Satires, particular attention being paid to the study of the various metres and the rhythmical reading of odes. Elective for Freshmen.

COURSE C.—I. *Terence*, five times a fortnight for the fall term, to illustrate the earlier stage of the language and the Roman comedy. Elective for Sophomores.

II. *Cicero*, five times a fortnight during the winter term. The philosophical writings are read and discussed, *De Amicitia* as a basis. Elective for Sophomores.

III. *Horace*, five times a fortnight during the spring term; the *De Arte Poetica* is read and analyzed with reference to rhetorical criticism. Elective for Sophomores.

These authors are subject to change; Plautus, Pliny, Quintilian, Juvenal, Lucretius and Tacitus may be substituted.

COURSE D.—In the fall, winter and spring terms of Junior and Senior year a special course in methods of Classical Study and Teaching will be offered for those intending to teach preparatory Latin after graduation. Open to those who have taken courses A, B and C. This course will be given in alternate years, commencing with 1902-1903.

COURSE E.—Supplementary work.

An opportunity will be offered to any who desire to do extra work in Latin translation or to make studies of ancient life and customs, or to prosecute philological researches. If there is sufficient encouragement a Latin Seminary will be organized to meet once a week for the special study of a

chosen author or period, and lectures will be delivered and papers presented on the topics to be discussed, open to those who have taken courses A, B and C.

All the instruction in the Latin department will have frequent reference to Roman archæology, history and geography, and attention will be called to the latest results attained in classical philology. Constant effort will be made to render the course practical and progressive, especial attention being called to the fact that the Roman language still lives in our speech and the Roman jurisprudence in our laws.

Greek

COURSE AA.—Beginning Greek; Xenophon, *Anabasis*, Book I. Five hours.

COURSE AB.—Xenophon, *Anabasis*, Books II-IV; Homer, *Iliad*, Books I-III. Five hours.

COURSE A.—I. Xenophon, *Memorabilia*.

II. Lysias, select orations.

III. Homer, *Odyssey*.

In the *fall* and *winter* terms Composition based on part of the work will be given, with a view to imparting familiarity with the idioms and style of Attic Prose. Topics and discussions throughout the year. Daily. Required of classical Freshmen.

COURSE B.—Plato, *Apology*; Sophocles, *Antigone*; Demosthenes, *De Corona*, or New Testament. Elective for Sophomores. Three hours a week.

COURSE C.—An elective two hours a week is provided for Juniors or Seniors.

Courses AA and AB are designed for students who enter college without Greek.

The chief aim in the study of Greek is to become familiar with the great literature of Greece, and thus to come in touch with the classical age. But the disciplinary value of the study of the language is by no means ignored, for to appreciate the literature, one must have a thorough knowledge of the rudiments of the language, and it is here that the student receives mental discipline. Familiarity with the literature implies familiarity also with the history, mythology, art, and life of ancient Greece.

German

COURSE A.—*Beginning German*. Joynes-Meissner, German Grammar and Hewett's Reader are studied entire. Special attention is given to conversation based on each lesson, to pronunciation, and to the reading and memorizing of short poems. Daily. Course A in either German or French is required.

COURSE B.—The works used in this course vary from year to year. In 1904-'05 the course includes Schiller's *Maria Stuart* and *Wilhelm Tell*; Lessing's *Minna von Barnhelm* and *Emilia Galotti*; and Goethe's *Hermann and Dorothea*. A volume of lyrics and ballads is read. Daily practice in conversation and frequent discussions of authors and literary topics. During the winter term one month is devoted to composition work based on Hillern's *Höher als die Kirche*. Elective for Juniors.

COURSE C.—*The Modern German Drama*. The aim of this course is to present a general outline of German life in the nineteenth century as reflected in the drama exclusive of the classical works of Goethe and Schiller, which belong more properly to the study of the preceding century. Lines of literary development are carefully traced. Among the authors studied are Heinrich von Kleist, Grillparzer, Wildenburch, Sudermann and Hauptmann. This is a half course extending through the year.

French

COURSE A.—*Beginning French*. I. Fall term, Grammar, Fraser and Squair. Irregular verbs carefully studied. Daily drill in conversation. Whitney's French Reader.

II. Winter term. Composition and conversation based on *La Dernière Classe* and *Le Siège de Berlin*. Mérimé's *Colomba* and short stories.

III. Spring term. Reading and conversation. Study of idioms. The works read include Dumas' *Swiss Travel*, *Mon Oracle et Mon Curé*, and comedies such as *Le Barbier de Séville*, *Le Voyage de M. Ferrichon*, *La Grammaire* and others. Elective for Sophomores.

COURSE B.—A half course through the year. The works read are Molière's *Le Bourgeois Gentilhomme* and *Le Misanthrope*; Corneille's *Le Cid* and *Cinna*; Racine's *Esther* and *Athalie*; Hugo's *Hernani*; Musset's *On ne badine pas avec l'Amour*; and short stories of Maupassant. Composition work during the winter term. Elective for Juniors.

Rhetoric and Theme Writing

COURSE A.—*Freshman Rhetoric*. Study of the principles of English prose style. The work is based upon Wendell's English Composition and Gardiner's Forms of Prose Literature. Selected Essays of Addison, Johnson, Macaulay, DeQuincey, Carlyle, Arnold, and Ruskin are studied to illustrate the principles enunciated. Twice a week throughout the year. Required of all Latin Scientific Freshmen. Elective for Classical Sophomores.

COURSE B.—*Freshmen Theme-Writing*. All Freshmen meet once a week for instruction in writing of themes and the criticism of themes written. Frequent daily paragraphs and weekly themes are required. In the fall term emphasis is thrown upon the making of effective and artistic paragraphs of all kinds; in the winter term upon expository paragraphs and whole compositions; in the spring term upon critical themes or orations.

COURSE C.—*The English Essay: Its History, Form and Style*. Representative essays from Addison, Steele, Goldsmith, and Stevenson, and the essays entire of Bacon and Lamb are studied in class. Frequent practical exercises. Once a week throughout the year.

COURSE D.—*Debate*. A course in the study and practice of Argumentation. Several noted arguments are analyzed by the class, briefs are studied and made, and extempore debates are given by appointed disputants. Carefully written arguments are also required. Once a week throughout the year.

COURSE E.—*Narration and Description*. A course in the study and practice of the principles of narrative and descriptive writing. For illustration of the principles, the class will read the short stories of Hawthorne, Irving and Poe, and will analyze several of the most famous novels of the nineteenth century. Once a week throughout the year.

COURSE F.—*Orations and Speeches*. The work in this course includes the study of the theory of oratory, the analysis of selected American orations, and the making of orations and speeches. Special attention is given to the style of the orations of Webster and of the speeches of Lincoln. Once a week throughout the year.

Courses C and D are omitted in 1905-1906. All Juniors and Sophomores are required to take either E or F.

English Literature

COURSE A.—*Outline History and Rapid-Reading Course.* Winchester's Principles of Literary Criticism and either Pancoast's Introduction or Stopford Brook's Primer serve as guides. The text-books are supplemented by lectures upon the historical significance of the authors treated and selections read. The object of the course is to give a clear understanding of the nature of literature and of literary criticism, a knowledge of literary types, and an intelligent appreciation of the best that has been done in English from Chaucer to the present time.

The selected works examined may be grouped as follows:

Fall Term.—Chaucer's Prologue, Nonne Preetes Tale, Knightes Tale; Spenser's Faery Queene, Book I; Palgrave's Golden Treasury, Books I and II; Dryden's Palamon and Arcite.

Winter Term.—Shakespeare's As You Like It and Macbeth; Milton's Paradise Lost, Books I-VI, Comus Lycidas, etc; Dryden's Hind and Panther, and Absalom and Archithophel.

Spring Term.—Golden Treasury, Books III and IV; Pope's Rape of the Lock and Essay on Man; Goldsmith's Deserted Village and Traveler; Cowper's Task; Coleridge's Ancient Mariner; Keat's Eve of St. Agnes; Scott's Marmion.

Course A is elective for Sophomores. Four times a week throughout the year.

COURSE B.—*English Literature, 1750-1830.* The history of the revival and growth of English Romanticism and its connection with the French Revolution are traced in lectures by the instructor. The students are required to read and thoroughly examine the bulk of Wordsworth, Scott, and Byron, and essentially all the poetry of Coleridge, Shelley, and Keats. The fall term is given to Wordsworth and Coleridge, the winter term to Shelley and Keats, and the spring term to Byron and Scott. Four times a week throughout the year. Open to Juniors and Seniors who have taken Course A.

(This course will be omitted 1905-1906.)

COURSE C.—*Shakespeare*. A critical analysis of Shakespeare's poetic and dramatic art as represented in his poems, his sonnets, and in fifteen of his greatest dramas, with collateral readings in other Elizabethan dramatists. The work may be outlined as follows:

Fall Term.—Midsummer Night's Dream, Romeo and Juliet, Richard III, Henry IV, Henry V, Merchant of Venice. Collateral Readings: Comedy of Errors, Jew of Malta, Merry Wives of Windsor.

Winter Term.—Much Ado About Nothing, Hamlet, Lear, Othello, Julius Cæsar. Collateral Readings: Twelfth Night, Jonson's Alchemist, Beaumont and Fletcher's Philaster.

Spring Term.—Antony and Cleopatra, Tempest, Winter's Tale, Sonnets' Venus and Adonis. Collateral Readings: Rape of Lucrece, Ford's Broken Heart; Webster's Duchess of Malfi. Elective for Juniors and Seniors who have taken Course A.

COURSE D.—*Victorian Literature*. A critical study of the individual writers of the Victorian age. The readings for this course are done outside of the class room by general and special assignment. The class room work consists of reports, discussions and lectures. The course requires two successive years' work, and is divided as follows:

Part I. Victorian Prose Masters: Carlyle, Newman, Ruskin, Arnold, with illustrations from Thackeray, Eliot and Meredith.

Part II. Victorian Poetry: Tennyson, Arnold, Clough, Browning, the Rosetti's, with illustrations from Morris and Swinburne.

Part II will be given in 1905-1906. Twice a week. Open only to those who have had Course A and either Course B or Course C.

BIBLICAL LITERATURE.—The Bible work for the Junior year is assigned to this department. The work for the year 1905-1906 will be a literary interpretation of Job, of Isaiah, and of Revelation. The class room work consists chiefly of lectures interpreting the books read.

Mental and Moral Philosophy

COURSE A.—*Psychology*, four times a week through Fall term.

This is a general elementary course of study of the outlines of the science. It is based upon text-book and recitation methods, but the data and methods of the "New Psychology" are constantly referred to, and, to some extent, experimental methods are employed. Optional for Seniors.

COURSE B.—*Moral Science*, four times a week during Winter term. Optional for Seniors.

COURSE C.—*Natural Theology*, twice a week through Spring term. Optional for Seniors.

COURSE D.—*Evidences of Christianity*, three times a week through Spring term. Optional for Seniors.

COURSE E.—*Logic*, three times a week through Spring term. Optional for Juniors and Seniors.

English Bible

Bible Study. Once a week throughout the course each college class devotes a recitation to Bible study. It is intended during the four years to take up each of the four great divisions of the Bible—the historical and prophetic books, the gospels and the epistles. It is sought to make this study instructive and practical, leading to a better understanding of the scriptures and a higher development of the life.

History and Political Science

I. History

COURSE A.—*Modern History.* Four times a week throughout the year, elective for Sophomores. Volumes V, VI, VII, VIII, of *Periods of European History*, are used as text. The Fall Term is devoted to the century and a half extending from 1598 to the War of the Austrian Succession, 1740. The Winter Term's work covers from 1740 to the close of the French Revolutionary Period, 1815, and the Spring Term takes up the modern era, 1815 to the present. Written quizzes are frequent. Collateral reading is required.

COURSE B.—*Constitutional History*. Three times a week during the first two terms of the Junior year. Wilson's State will be used as the basis, with supplementary work in treatises upon the various countries. Particular attention is given to the comparative study of the constitutions of the United States, Great Britain, France, Germany and Switzerland; and also to local government in Minnesota and the large cities.

COURSE C.—*History*. A study of the sources, development and influence of Greek History and civilization, compared with the Oriental nations on the one side and Rome on the other.

COURSE D.—*History*. A study of the later Middle Ages, the Renaissance and the Reformation. The elements that entered into Modern History and controlled the development of modern intellectual, political and social life will be traced and their results studied.

Courses C and D are four times a week, optional for Seniors. Lectures are given by the professor in charge, and topics are assigned for individual research.

II. Political Economy

COURSE A.—*Introduction to the Study of Political Economy*. Three times a week, optional with the Juniors for the Spring term. This course is intended to be a preparation for the more advanced work of the Senior year.

COURSE B.—*Advanced Course*. A full study, optional with the Seniors. The first term is devoted to the problems connected with distribution; the second term to money and banking; the third term to the application of economic principles to present social conditions. Topics are assigned for special investigation and a few for original research. The students are trained to individual thinking, and freedom of discussion is encouraged upon current economic questions.

Education

During the Senior year particular attention is paid to education as one of the leading factors in civilization. In addition the subject is taken three times a week, optional throughout the year with the Seniors. The great educators and their systems are studied, the faculties of the mind analyzed, and present educational methods discussed.

International Law

Four times a week, optional with Seniors during the Spring term. The work consists of lectures by the professor in charge, and topics assigned for investigation and discussion. Especial attention is given to questions related to international law in the history of our own country.

American Constitutional and Common Law

This course is an elective, twice a week, through the Senior year. The instruction is partly by recitation and quiz, and partly through lectures by the instructor, who is a member of the bar. Black's American Constitutional Law is in use as a text-book. The Law Library at the State Capitol, accessible to all students, furnishes an opportunity for special investigation to those who intend following the law after graduation.

Mathematics and Astronomy

COURSE A.—*Plane and Spherical Trigonometry*. Five times a week. Fall term.

II. *University Algebra*. Functions. Theory of Limits, Derivatives, Development of Functions in Series, Convergence and Summation of Series, Computation of Logarithms, Chance, Choice, Graphic Solution of Equations and Systems.

Five times a week, winter and spring terms.

This course required of all Freshmen.

COURSE B.—*Analytical Geometry*. Five times a fortnight during the entire year. This course is elective for all who have had Course A, and is offered only on alternate years; it will be open in 1906-7.

COURSE C.—*Calculus*. Five times a fortnight during the entire year. This course is elective for all who have had Courses A and B and is offered only on alternate years; it will be open in 1905-6.

COURSE D.—*Astronomy*. Three times a week, Spring term. An outline course in Descriptive Astronomy.

Physics

COURSE A.—*Elementary Mechanics*. This course continues through the first term of the Sophomore year, four exercises per week. It includes the problems of the composition and resolution of forces, rectilinear and periodic motion, curvilinear and rotary motion, including projectiles, and is intended to furnish the student with such mathematical data as will enable him to solve readily the problems arising in the subsequent courses. Elective for Sophomores or Juniors.

COURSE B.—*Physics*. Second and third terms, four exercises per week. A general course, including mechanics of liquids and gases, sound, heat, electricity and magnetism, and light. Instruction is given by means of recitation and experimental lectures. Elective for Sophomores or Juniors.

COURSE C.—*Physics*. A laboratory course in Physics extending through the second and third terms of Senior year, four hours per week. The work is mainly on electricity and light, and is quantitative in character. In addition to the laboratory work the student is required to read certain indicated works on these subjects. Elective for those who have taken Courses A and B.

Chemistry

COURSE A.—*General Chemistry*. This course continues through the first two terms of Junior year, three afternoons a week. The instruction is given by lectures, recitations and laboratory work, first upon the non-metals and their compounds. After this the more commonly occurring metals and their compounds are taken up in like manner. Elective for Sophomores and Juniors.

COURSE B.—*Basic and Acid Qualitative Analysis*. This course extends through the third term of Junior year three afternoons each week. It consists largely of work in the laboratory, where the student first learns the characteristic reactions for all the common metals, and then applies these tests to the qualitative determination of simple solutions. Especial attention is next given to the determination of the acids, the qualitative analysis of dry substances and to the use of the blow-pipe. The course is accompanied by a course of expository lectures, and especial attention is given to the subject of the chemical equation. Elective for those who have taken course A.

COURSE C.—*Quantitative Analysis*. This course extends through the Senior year. The student is first taught the use of the balance, and then proceeds to the quantitative determination of a number of simple salts. After this follows the quantitative separation and determination of more or less complicated compounds, involving gravimetric as well as volumetric methods. Elective for those who have taken Courses A and B.

COURSE D.—*Organic Chemistry*. A course in organic chemistry on the basis of Remsen's "Chemistry of the Carbon Compounds." Laboratory work, lectures and recitations. Two terms of Senior year, four afternoons a week. Elective for those who have taken Courses A and B.

Biology

COURSE A.—*Elementary Invertebrate Zoology*. Three times a week, for three terms. This is a course in college zoology, and can be taken with or without a previous course in high school zoology. It consists of laboratory and lecture room studies of animals from all classes of the animal kingdom, familiar forms being used as far as suitable, dissections, drawings, study of microscopic sections, lecture note books and quizzes are among the methods of study employed, and the design is to exhibit the facts of animal life and to cultivate habits of correct observation, record and inference. The Frog, Amoeba, Hydra, Coral Polyp, Fasciola, Trichina, Unio, Cambarus, and the Grasshopper are among the animals studied. Required of all Latin-Scientific Freshmen, optional for Sophomores in the Classical Course.

COURSE B.—*General Biology*, two afternoons a week through the Fall term. After learning the use of the Compound Microscope the student acquires a personal acquaintance with a large variety of animal and plant cells by examinations of Amoeba, Yeast, Protococcus, Pennicillium, Spirogyra, Geranium Leaf, Paramæcium, Vorticella, Hydra and other subjects. The physiological conditions of cell life are investigated on Yeast as a subject: diet, temperature, light, moisture and poisons are carefully examined, and the results are required to be set forth in a formal thesis which illustrates and thoroughly discusses the observations. This course includes much botanical work and is preliminary to Course F, Botany, and must be taken before that course; optional for Sophomores, Juniors and Seniors.

COURSE C-I.—*Vertebrate Morphology*, two afternoons a week through the Winter term. This is a course of practical dissection of a fish, salamander and a number of mammalian organs, such as the leg, heart and lungs, mouth, nose and throat, eye and brain, together with lectures on the comparative anatomy of vertebrates; it is preliminary to the course in Human Physiology, and is optional for Sophomores, Juniors and Seniors.

COURSE C-II.—*Mammalian Histology*, two afternoons a week through the Spring term. This is an elementary course of laboratory work and lecture studies in the histology of the

tissues and some of the more important organs of the mammalian body, preliminary to the study of Human Physiology. It is based in part on the study of fresh material and in part on prepared slides, and includes an introduction to the technique needed in preparing and mounting material for microscopical study by the simpler processes of fixing, staining, imbedding, sectioning and balsam-mounting of tissue and organs.

COURSE D.—*Mammalian Physiology*, four times a week for the Fall and Winter terms. This is chiefly a lecture and recitation course; demonstrations are given, but the individual laboratory study in physiology is not attempted. The attempt is, however, made so far as possible to consider the experimental data of the science. The earlier courses of biology are utilized extensively in the illustration of this course. The course is optional for Juniors or Seniors, who have completed Courses B and C.

COURSE E.—*Advanced Biology*, twice a week through the year. This is an individual and practical course, intended only for those who are preparing to specialize in biology. It is open only to those who have completed Courses A, B and C, and have shown marked proficiency in practical and theoretical biological work. No classes are formed or lectures given in this course; biological topics and problems are suggested and the student is guided in making a somewhat independent study of them.

COURSE F.—*Botany*, four times a week during the Spring term, a laboratory course in the morphology and classification of the flowering plants will be offered, optional for Seniors and Juniors, who must have completed Course B. Not to be given in 1905-6.

Geology

COURSE A.—*Elements of Geology*, four times a week through the Spring term. The course consists of three parts: one in descriptive mineralogy and lithology, one in dynamical and one in historical geology. These courses are chiefly lecture courses, with museum specimens to illustrate the more important points. The course includes field excursions, and students are expected to be able to recognize the illustrations of the science so far as they are shown in the vicinity of St. Paul. Optional for Juniors and Seniors. Not given in 1906-7.

NATURAL HISTORY MUSEUM AND LABORATORY.

The biological laboratory and lecture rooms are adjoining. There are thirty-five compound microscopes, and full supplies of dissecting instruments and individual lockers, so that every student has complete control of his own instruments. The laboratory is also supplied with the usual appliances for elementary work in morphology and physiology, and includes a myograph and induction apparatus for the study of muscle contraction by the graphic method; the department possesses in connection with the department of physics a fine stereopticon, and is rapidly equipping itself with lantern slides for use in the zoological classes. There is also an extensive museum of Natural History and Geology. All important topics are illustrated directly from specimens, there are many anatomical preparations, and a large collection of histological slides for class use.

SYNOPSIS OF THE COURSE OF STUDY

FRESHMAN YEAR

Fall Term	LATIN.—Livy. 4. or GERMAN or FRENCH. MATHEMATICS.—Plane and Spherical Trigonometry. <i>Classical.</i> —GREEK.—Odyssey. 5. Rhetoric. 1. <i>Latin Scientific.</i> —RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. I. 3. <i>Greek.</i> —Course AA.
Winter Term	LATIN.—Livy. 4. or GERMAN or FRENCH. MATHEMATICS.—Algebra. <i>Classical.</i> —GREEK, Lysias. 5. Rhetoric. 1. <i>Latin Scientific.</i> —RHETORIC.—3. " " ELEMENTARY ZOOLOGY. Course A. II. 3. <i>Greek.</i> —Course AA.
Spring Term	LATIN.—Horace. 4. or GERMAN or FRENCH. MATHEMATICS.—Algebra. <i>Classical.</i> —GREEK, Xenophon, Memorabilia. 5. Rhetoric. 1. <i>Latin Scientific.</i> —RHETORIC. 3. " " BIOLOGY. A. Course A. III. 3. <i>Greek.</i> —Course AA.

SOPHOMORE YEAR

Fall Term	PHYSICS A.—Carhart. 4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Terence, Literature. 2½.	GREEK.—Plato, Apology. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—4. BIOLOGY B.—3. RHETORIC—E. or F. 1. CHEMISTRY.—4.
Winter Term	PHYSICS B.—4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Cicero's Laelius or Pliny's Letters; Literature. 2½.	GREEK.—Sophocles, Antigone. 2½. ANALYTICAL GEOMETRY. 2½. HISTORY.—4. BIOLOGY C. I.—3. RHETORIC.—E. or F. 1. CHEMISTRY.—4.
Spring Term	PHYSICS B.—Lectures. 4. ENGLISH LITERATURE.—4. GERMAN.—5. FRENCH.—5. LATIN.—Horace, DeArte Poetica or Quintilian; Literature. 2½.	GREEK.—Demosthenes, De Corona. 2½. ANALYTICAL GEOMETRY.—2½. HISTORY.—4. BIOLOGY C. II.—3. RHETORIC.—E. of F. 1. CHEMISTRY.—4.

The figures indicate the number of class exercises per week. Sixteen exercises per week, including Bible study and rhetoricals, are required. In the Sophomore year these must include either German or French and one Science.

JUNIOR YEAR.

Fall Term	ENGLISH LITERATURE.—4. RHETORIC.—E. or F.—4. HISTORY.—3. CHEMISTRY.—Course A.—4. BIOLOGY B.—3. HUMAN BODY.—4.	GERMAN.—5. FRENCH.—2½. LATIN.—2. CALCULUS.—2½. GREEK.—2.
Winter Term	ENGLISH LITERATURE.—4. HISTORY.—3. CHEMISTRY.—Course A.—4. BIOLOGY C. I.—3. HUMAN BODY.—4.	GERMAN.—5. FRENCH.—2½. LATIN.—2. CALCULUS.—2½. GREEK.—2.
Spring Term	ENGLISH LITERATURE.—4. RHETORIC.—E. or F. 1. POLITICAL ECONOMY.—3. CHEMISTRY B.—4. DESCRIPTIVE ASTRONOMY.— Young. 3. BIOLOGY C. II.—3.	GERMAN.—Goethe. 3. FRENCH.—2½. CALCULUS.—2½. GREEK.—New Testament. 2. LATIN.—2. LOGIC.—3.

SENIOR YEAR.

Fall Term	POLITICAL ECONOMY.—4. PSYCHOLOGY.—4. HISTORY.—4. EDUCATION.—3. ENGLISH LITERATURE.—2 or 4.	CHEMISTRY C.—2 or 4. BIOLOGY B.—3. BIOLOGY E.—4. HUMAN BODY.—2. CONSTITUTIONAL LAW.—2. GERMAN.
Winter Term	POLITICAL ECONOMY.— HISTORY.—4. MORAL SCIENCE.—4. EDUCATION.—3. ENGLISH LITERATURE.—2 or 4. CHEMISTRY C.—2 or 4.	CHEMISTRY D.—4. PHYSICS C.—2. BIOLOGY C. I.—3. BIOLOGY E. 2. HUMAN BODY.—4. CONSTITUTIONAL LAW.—2.
Spring Term	NATURAL THEOLOGY.—Chad- bourne, Lectures. EVIDENCES OF CHRISTIANITY.— Hopkins.—2. INTERNATIONAL LAW.—4. SOCIOLOGY.—4. EDUCATION.—3. ENGLISH LITERATURE.—2 or 4.	CHEMISTRY C.—2 or 4. CHEMISTRY D.—4. PHYSICS C.—2. BIOLOGY C. II.—3. BIOLOGY E.—2. BIOLOGY F.—4. GEOLOGY.—4. AMERICAN COMMON LAW.—2.

PREPARATORY DEPARTMENT.

The Preparatory Department, although separated in some respects from the College Department, is yet kept in vital connection with it, and its members have many of the privileges and advantages of students in the higher classes. Students entering this department will be expected to have completed Practical Arithmetic, English Grammar and United States History. Students can enter the higher classes by presenting a satisfactory certificate, or upon examination. The Roman method of pronunciation is used in the Latin classes.

STUDENTS

THIRD PREPARATORY

ACKERMAN, HAZEL,	Hamline
ANDERSON, RUSSELL B.,	Grantsburg, Wis.
BUFFUM, CLYDE C.,	Baker City, Ore.
DUNN, GRACE,	Hamline
FIXEN, VICTOR L.,	Minneapolis
FOWBLE, LOUISE,	Hamline
GARRISON, ARTHUR,	Hamline
HALL, MILDRED,	Hamline
HILLMAN, C. KIRK,	Merriam Park
HOLLIDAY, WALTER B.,	Clear Lake, Wis.
MC. COMBS, WILBUR,	Hewitt
MEACHAM, ROLLA,	Edgerton
NOLTIMIER, WARREN,	Hamline
PAGE, F. GENO,	Afton
PETERSON, FRED W.,	Lafayette
UNDERHILL, CARL C.,	Minneapolis

SECOND PREPARATORY

AIMER, NORMAN W.,	St. Hilaire
ARNY, EDMUND,	St. Paul Park
BELL, CHAS H.,	Grandin, N. D.

BELL, BEATRICE,	Walhalla, N. D.
BENSON, PEARL,	St. Paul
BRANN, MERTON L.,	Houston
BRANN, W. EARL,	Houston
BRIDGMAN, DOROTHY,	Hamline
COLLETT, WM. H.,	Hamline
DAPRON, FAY,	St. Paul
DENKMAN, EVELYN,	Corona, S. D.
DOWDALL, LESTER,	Minneapolis
ELLERY, CLIMO,	St. Thomas, N. D.
ELLIS, C. JAY H.,	Minneapolis
ELIIS, L. H.,	Jamestown, N. D.
GILLIS, FRED W.,	Delhi
GRIMM, GOLDBURN L.,	Clear Lake, Iowa
HEWITT, EZRA,	St. Paul
HIGGINS, WARREN P.,	Hamline
JELLISON, IRMA L.,	Cumberland, Wis.
JONES, MILLIE M.,	Preston
MALM, FLORENCE,	Raymond
McCAULEY, D. E.,	Joliette, N. D.
MICHAELSON, JOHN W.,	Butler
MORRISON, NETTIE,	Hamline
MORROW, MILTON,	St. Paul
NOLTIMIER, R. A.,	Hamline
PETERSON, ESTHER,	Pillager
PLAYFAIR, LYON,	Pleona, Ont.
ROBINSON, ESTELLA,	Hamline
SCHIMMEL, JOHN E.,	Minneapolis
SWEITZER, LEE R.,	St. Paul
THOMPSON, CECIL V.,	Hamline
WALLACE, ELLA I.,	Drayton, N. D.

FIRST PREPARATORY

ACKERMAN, GLADYS,	Hamline
BROWN, DAN O.,	Hanley Falls
BUBAR, SADIE,	Hamline
COMBS, SAMUEL J.,	Whiting, Iowa
CROLIUS, R. B.,	Minneapolis
CULBERTSON, ROBERT B.,	Walnut Grove
ELY, WM. O.,	Hamline
FINNEY, JEWEL,	Hamline
FRANKLIN, JOSEPH,	Hamline

FRANKLIN, SARA,	Eyota
HANSON, G. MARIE,	Minneapolis
HENDERSON, GEORGE,	Halstad
HIGBEE, R.,	Black Duck
LARSEN, LOUELLA,	Clark's Grove
MACLEOD, NORMA,	Hamline
MARSHALL, RAY,	Hamline
MATCHETT, HENRY,	Hamline
MERRY, MYRTLE,	Dickinson, N. D.
MILLER, LEONARD,	Brookpark
PALMER, GERTRUDE,	Minneapolis
RICKERSON, D. O.,	Minneapolis
SAKRISON, CHAS. S.,	Deer Park, Wis.
SMITH, ROLLIN L.,	Jaynesville
STREET, EMMA,	Albie, S. D.
WEDERATH, GERTRUDE,	Morton
WOOD, SADIE E.,	Hamline

COURSES OF INSTRUCTION

Preparatory Department

FIRST YEAR

FALL TERM.

ALGEBRA.
LATIN GRAMMAR.
ENGLISH.

WINTER TERM.

ALGEBRA.
LATIN GRAMMAR.
ENGLISH.

SPRING TERM.

ALGEBRA.
LATIN GRAMMAR.
ENGLISH.

SECOND YEAR

FALL TERM.

CAESAR.
PLANE GEOMETRY.
GREEK OR ENGLISH.

WINTER TERM.

CAESAR.
PLANE GEOMETRY.
GREEK OR ENGLISH.

SPRING TERM.

CAESAR.
PLANE GEOMETRY.
GREEK OR ENGLISH.

THIRD YEAR

FALL TERM.

ANCIENT HISTORY.—4.

CICERO.—4.

GREEK OR CHEMISTRY.—4.

PHYSIOLOGY OR BOTANY.—4.

WINTER TERM.

ANCIENT HISTORY.—4.

CICERO.—4.

GREEK OR CHEMISTRY.—4.

PHYSIOLOGY OR BOTANY.—4.

SPRING TERM.

MEDIÆVAL HISTORY.—4.

CICERO.—4.

GREEK OR CHEMISTRY.—4.

PHYSIOLOGY OR BOTANY.—4.

FOURTH YEAR

FALL TERM.

VIRGIL.—4.

GREEK OR PHYSICS.—4.

SOLID GEOMETRY AND ALGEBRA.—4.

MOD. HISTORY.—4.

WINTER TERM.

VIRGIL.—4.

GREEK OR PHYSICS.—4.

SOLID GEOMETRY AND ALGEBRA.—4.

LITERATURE.—4.

SPRING TERM.

VIRGIL.—4.

GREEK OR PHYSICS.—4.

SOLID GEOMETRY AND ALGEBRA.—4.

LITERATURE.—4.

Under English is included the presentation of Compositions and Declamations.

Latin Prose Composition throughout the course.

DEPARTMENT OF ELOCUTION

The instruction seeks to develop the individuality of each student, to make mind and body responsive to the thought to be interpreted, to develop bodily freedom, ease and grace, to secure correct and natural use of the voice, to develop a love and appreciation of good literature, and to give each student a command of all his powers before an audience.

Exercises in physical culture from the Emerson system are used, and others adapted from the Checkly and Swedish systems.

Private pupils in elocution are admitted to class work free of charge. They also have the opportunity of appearing before audiences in the public recitals which are frequently given.

A certificate is granted for the completion of courses in this department.

In the Junior and Senior years three terms' work in the interpretative study of literature may be substituted for one-half study one term of the college curriculum.

STUDENTS

BILLING, BEATRICE,
 BUTLER, COLVIN G.,
 DAGGETT, NELLIE M.,
 FERGUSON, BERTHA,
 FINNEY, JOHN M.,
 FRANKLIN, HAZEL,
 GARRISON, ARTHUR O.,
 GARRISON, OLIVER E.,
 GRALING, EVA B.,
 JONES, SARA M.,
 JOHNSON, MERRILL L.,
 KOCH, LEONORA,
 KUHR, MARIE,
 KING, MAE,
 LUND, S. O.,
 LASELL, MABEL,
 MANUEL, ARTHUR W.,
 MATTHEWS, MAUDE E.,
 MATCHETT, ISABELLE M.,
 NELSON, IDA,
 PERSINGER, F. F.,
 PETERSON, FRANCES,
 PACKARD, CHAS. L.,
 SCHEI, LAWRENCE B.,
 SCHOLBERG, HENRY C.,
 SCHUMACHER, JOHN J.,
 SQUIRE, F. HOWARD,
 WILLING, MATTHEW H.,

St. Paul
 Fergus Falls
 Hayfield
 Drayton, N. D.
 Hamline
 Blue Earth
 Hamline
 Hamline
 Spring Valley
 Luverne
 Claybank
 Hamline
 Chinook, Mont.
 Caledonia
 Dawson
 Waubay, S. D.
 Canton
 Ortonville
 Hamline
 Dawson
 Howard Lake
 Geneva
 Lakefield
 Minneapolis
 Ortonville
 Hamline
 Hanley Falls
 Lakefield

DEPARTMENT OF MUSIC

The Department of Music furnishes instruction in piano playing, singing, harmony.

The instruction in music, both instrumental and vocal, is by private lesson and not in classes. This gives better opportunity to meet the individual needs of pupils. Lessons last half an hour and cost at the rate of \$1.00 each, payable per term in advance. To secure the best results students should take two lessons each week.

There is opportunity for chorus singing in connection with the vocal music class.

The nearness of the University to the two cities enables students to hear frequently superior music and musical lectures, an important supplement to the teaching of the music department. The course of music is so arranged with reference to the regular college course that both can be taken simultaneously without detriment.

STUDENTS

BELL, BERTHA,
DAVIS, JANE,
FRANKLIN, HAZEL,
GRALING, EVA,
JOHNSON, M. L.,
JOHNSTON, ELLA,
KUHR, CAROLYN,
KUHR, MARIE,
LEAVITT, FAY,
LEAVITT, MADELINE,
MERRY, MYRTLE,
MORSE, FRANK S.,
MCCAULEY, D. E.,
NELSON, IDA,
OLSON, CLARA,
REED, EDITH,
WALLACE, ELIA,

New Richmond, Wis.
Boardman, Wis.
Blue Earth
Spring Valley
Goodhue
Glenwood, Wis.
Chinook, Mont.
Chinook, Mont.
Lake Crystal
Minneapolis
Dickinson, N. D.
Slayton
Joliette, N. D.
Dawson
Cando, N. D.
Slayton
Drayton, N. D.

GENERAL INFORMATION

The College of Liberal Arts is admirably located. While its site is within the limits of the City of Saint Paul, and it is thus directly accessible from all parts of the state by a dozen or more different lines of railroad, it is at the same time situated in a suburb midway between the Twin Cities. The community in which the Collegiate Department is placed has grown up with the college as its center, so that very many of its numerous pleasant homes are socially open to the students, and many families have moved to it to give their children the advantages of the college course. It has a beautiful new church, the life of which is intimately related to the student life in many ways. The students thus have all the advantage of a residence in a small town at a distance from the noise and disturbance of great metropolitan cities. And yet the location is extremely convenient with regard to both of the Twin Cities; electric car service at very frequent intervals places all parts of both St. Paul and Minneapolis within easy reach. The advantages growing out of this are very great, without at all detracting from the quiet favorable to a student life, it enables the students who are to be among the future people of affairs in Minnesota to come in practical touch with all the highest and most recent aspects of modern life. All the best entertainments, the best lectures, the best music, the greatest political speakers, and national heroes visit one or both of these cities in their tours of the country. During the years of his life the student will never have more or better chances to see and hear the best things than while he is at the same time pursuing his academic studies in the college halls. The cities, too, offer permanent advantages of all sorts, whether it be in their beautiful public buildings, among which is to be mentioned our new state capitol, passed in every trip on the street car to St. Paul, or in public libraries, or in the sessions of the law courts or of the State Legislature, or in their great industrial enterprises. All of these advantages the student

imbibes incidentally; while they in no way detract from his life as a student, they materially aid in putting him in touch with modern life. The proximity of the cities also affords many opportunities for self-support, by employment that can be obtained outside of college hours. Such employment also yields valuable experience with commercial life and the practical life of affairs, which is more and more felt to be of the highest value to the college-bred man or woman.

LIBRARY

The Library located in University Hall is well adapted for supplementary reading and research. Investigation in the library is made an especial feature of class work. The library is open daily from 8:00 a. m. until 5:00 p. m. It is free to all students, and they are aided in consulting it by the Librarian and by members of the Faculty. The library is provided with the best periodicals and with other papers and pamphlets on the principal questions of the day. About six hundred dollars' worth of new books have been added during the past year, increasing its efficiency as a working library. The Public Libraries of both St. Paul and Minneapolis, and the Library of the Minnesota Historical Society are in easy reach and freely accessible to all students.

DEPARTMENT PHYSICAL CULTURE

Physical culture at Hamline University is under the supervision of a resident Physical Director. Hamline is a member of the State League, which includes seven higher institutions of learning. Each fall a series of football games is played, and each spring a series of baseball games with a return game series. These, with various "practice games" and an occasional trip to some more distant institution, give stimulus and zest to these out of door sports. There is also at least one field and track meet each spring term, which is always vigorously contested.

The gymnasium in the basement of Science Hall contains 6,000 square feet of floor space, and is equipped with the neces-

sary apparatus for light and heavy gymnastics. Classes in exercises of an hygienic, educational and recreative character are held during the season for young men and young women on alternate afternoons from 3:30 to 5:30; the aim being all-around development. J. W. Hollister, A. B., so widely and favorably known as a college athletic director, will have full charge for the coming year, both of the field sports and of the gymnasium.

LITERARY SOCIETIES

There are eight Literary Societies in connection with the College of Liberal Arts. The Philomathean, Amphictyon and Phi Alpha are for college men; Browning, Athenæan and Alpha Phi for ladies; the Zarephathian for young men, and the Ingelow for young ladies of the Preparatory department.

The Hamline Oratorical Society, a branch of the State Oratorical Association, is especially designed for the cultivation of oratory.

Students are urged to take advantage of the excellent opportunities afforded by these societies and frequent public literary exercises add their stimulus to growth in thought and experience.

RELIGIOUS SERVICES

Students are expected to attend chapel exercises daily, and preaching every Sabbath, at such places as they or their parents may designate at the opening of a term.

Voluntary meetings of the students, collectively or by classes, are held frequently under the direction of the students themselves or with some member of the Faculty as leader. A revival spirit is constantly present, growth in Christian life and work is successfully cultivated, and the young people are prepared for the wider field in church work that lies before them. The experience of the University shows that intellectual and religious culture ought not to be separated, but that both reach their highest development together.

Flourishing branches of the College Y. M. C. A. and Y. W. C. A. are organized and doing efficient work. The quality of the religious work done at Hamline is well attested by the numerous missionaries in foreign lands, and by the high grade of church work done by the Alumni in Minnesota and other states.

LADIES' HALL

The rooms in the Ladies' Hall are heated by steam and lighted. They are also furnished with bedstead, mattress, table, chairs, bureau, washstand, mirror, bowl and pitcher. All other articles students will provide for themselves. Occupants of the rooms will be expected to keep them in order, and to make good all breakage and injury to property beyond ordinary wear. Room rent, one dollar per week.

BOARD

The Dining Hall is in the basement of the Ladies' Hall. It is regarded by the Faculty as desirable that young ladies from a distance should board and room in Ladies' Hall, and they will find it in many ways to their advantage to do so.

In the event, however, of young ladies wishing to board in clubs or in private families, application for permission to do so must be made by their parents in writing to the President or Dean, and each application so made will be considered on its merits. Arrangements for boarding in Ladies' Hall must be made by the year.

Gentlemen will be permitted to select their own boarding places with private families, subject, however, to the approval of the Faculty; and when once selected, no change will be permitted during the term without the consent of the President obtained before removal.

The cost of board at Ladies' Hall is at present as follows:

Board, per week.....\$3.00

For guests a charge will be made of 25 cents per meal.

The expenses of board, fuel, washing and light in private families is \$4.00 to \$4.50 per week.

NECESSARY EXPENSES

Tuition, College Classes, Fall Term.....	\$12.00
Tuition, College Classes, Winter or Spring Term.....	11.00
Tuition, Preparatory Classes, Fall Term.....	10.00
Tuition, Preparatory Classes, Winter or Spring Term....	9.00
Incidentals, per term, all classes.....	2.00
Chemical Laboratory fee, per term.....	3.00
Biological Laboratory fee, per term.....	2.00

Apparatus broken by the student will be charged to his account.

Elocution, per lesson	1.00
Music, piano or vocal, payable by the term, per lesson of one-half hour	1.00
Vocal Music, per term, in classes.....	2.00
Use of piano, one hour daily, per term.....	2.50
Text-books, per year	\$10.00 to 15.00

ESTIMATED YEARLY EXPENSES

	Preparatory.	College.
Tuition and incidentals.....	\$ 34.00	\$ 40.00
Room rent, fuel and light.....	36.00	36.00
Board, thirty-six weeks.....	108.00	108.00
Washing and ironing, 12 pieces per week....	18.00	18.00
Books and stationery, about.....	12.00	12.00
Minimum	\$208.00	\$214.00

The yearly expenses of those boarding in private families will not vary materially from those of students boarding in the institution. Persons desiring extra accommodations will, of course, have to pay higher rates. Music and elocution being extras, are not included in the above estimates.

The attention of parents and students is called to the following requirements, which will be strictly enforced:

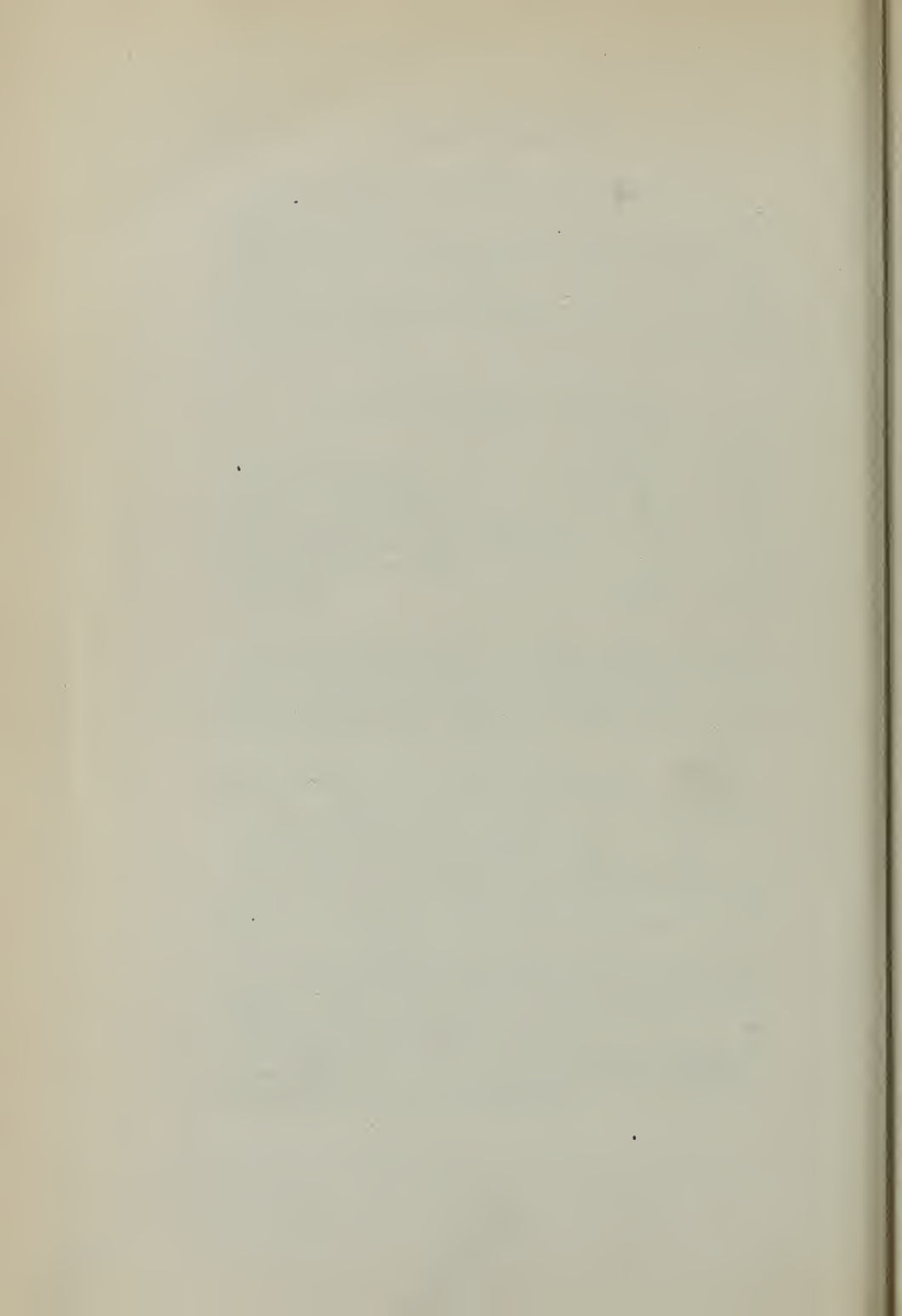
Tuition, incidentals, music, and elocution lessons, and piano rent are payable by the term in advance.

Board and room rent are payable monthly in advance.

No deduction will be made in tuition and incidentals for an absence of less than half a term, and rent will be charged until the rooms are formally vacated, whether continuously occupied or not.

If a pupil be suspended or expelled, or leaves without the consent of the President, no tuition, incidentals or room rent will be refunded. In all other cases they will be equitably refunded when the absence equals half a term.

Unexpended balances paid in advance for board and washing will be refunded in all cases except when a pupil leaves without giving notice previous to his departure.



College of Medicine

(Minneapolis College of Physicians and Surgeons)

BOARD OF TRUSTEES.

J. T. MOORE, M. D.....	Term expires 1906
F. A. KNIGHTS, M. D.....	Term expires 1906
H. B. SWEETSER, M. D.....	Term expires 1907
D. O. THOMAS, M. D.....	Term expires 1907
G. C. BARTON, M. D.....	Term expires 1908
C. A. MCCOLLOM, M. D.....	Term expires 1908

OFFICERS OF THE COLLEGE

GEO. H. BRIDGMAN, D. D.....	<i>President</i>
J. T. MOORE, M. D.....	<i>Vice-President</i>
G. C. BARTON, M. D.....	<i>Dean</i>
D. O. THOMAS, M. D.....	<i>Treasurer</i>
E. M. DUNN, A. B.....	<i>Secretary and Registrar</i>

FACULTY EMERITUS

EDWIN PHILLIPS, M. D.,
Professor Emeritus of Gynecology.

J. W. McDONALD, M. D., F. R. S. C. E.,
*Professor Emeritus of the Practice of Surgery and Clinical
Surgery.*

COLUMBUS G. SLAGLE, M. D.,
Professor Emeritus of Paediatrics.

CHARLES E. SMITH, M. D.,
Professor Emeritus of Clinical Medicine.

HUGH N. McDONALD, M. D.,
Professor Emeritus of Diseases of the Chest.

FACULTY

- GEO. H. BRIDGMAN, D. D., PRESIDENT,
Hamline, St. Paul, Minn.
- J. T. MOORE, M. D., C. M., M. C. P. S., VICE-PRESIDENT,
406 Masonic Temple, Minneapolis.
Professor of Theory and Practice of Medicine.
- GEO. C. BARTON, M. D., DEAN,
1034 Andrus Building, Minneapolis,
Professor of Gynecology and Clinical Gynecology.
- WILLIAM J. BYRNES, M. D.,
210 Masonic Temple, Minneapolis,
Professor of the Principles of Surgery and Clinical Surgery.
- LEO. M. CRAFTS, B. L., M. D.,
606 Masonic Temple, Minneapolis,
Professor of Nervous Diseases.
- WILLIAM H. HALLOWELL, M. D.,
101 E. Twenty-seventh St., Minneapolis,
Professor of Obstetrics.
- H. B. SWEETSER, M. D.,
707 Masonic Temple, Minneapolis,
Professor of the Practice of Surgery and Clinical Surgery.
- F. A. KNIGHTS, M. D.,
416 Masonic Temple, Minneapolis,
Professor of Paediatrics.
- D. O. THOMAS, M. D., L. R. C. P., M. R. C. S., TREASURER,
504 Masonic Temple, Minneapolis,
Professor of Diseases of the Chest.
- C. K. BARTLETT, M. D.,
509 Masonic Temple, Minneapolis,
Professor of Psychological Medicine.
- CHARLES J. SPRATT, M. D.,
310 Syndicate Arcade, Minneapolis,
Professor of Ophthalmology and Otology.

- CHARLES W. WILLIAMS, M. D.,
809 Andrus Building, Minneapolis,
Professor of Materia Medica and Therapeutics.
- J. D. SIMPSON, M. D.,
415 Syndicate Arcade, Minneapolis,
Professor of Clinical Ophthalmology and Otology.
- KNUT HOEGH, M. D.,
510 Bank of Minneapolis Building, Minneapolis,
Professor of Orthopaedic Surgery.
- ANTON SHIMONEK, M. D.,
Defiel Block, St. Paul.
Professor of Clinical Surgery.
- C. A. MCCOLLOM, M. D.,
627 Andrus Building, Minneapolis,
Professor of Preventive Medicine and Medical Insurance.
- NORMAN DREISBACH, M. D.,
320 Syndicate Arcade, Minneapolis,
Professor of Anatomy.
- CHARLES J. MEADE, M. D.,
74 West Fourth St., St. Paul,
Professor of Clinical Medicine.
- CHARLES F. DIGHT, M. D.,
College Bldg., 7th Ave. and 5th St. S., Minneapolis,
Professor of Physiology and Embryology.
- EDGAR M. DUNN, A. B., SECRETARY and REGISTRAR,
College Bldg., 7th Ave. and 5th St. S., Minneapolis,
Professor of Chemistry.
- J. FRANK CORBETT, B. S., M. D.,
615 Syndicate Arcade, Minneapolis,
Professor of Bacteriology and Curator of the Museum.
- J. A. WATSON, M. D.,
1034 Andrus Building, Minneapolis.
Professor of Pathology and of Diseases of the Nose and Throat.
- CHARLES H. BRADLEY, M. D.,
416 Masonic Temple, Minneapolis,
Professor of Physical Diagnosis and Clinical Medicine.

ARNOLD W. SCHWYZER, M. D.,

Moore Block, St. Paul,

Professor of Clinical Surgery.

EDUARD BOECKMANN, M. D.,

419 East Tenth St., St. Paul,

Professor of Clinical Ophthalmology.

GUSTAV A. RENZ, M. D.,

255 Lowry Arcade, St. Paul,

Professor of Clinical Gynecology.

FREDERICK J. PLONDKE, M. D.,

Seventh and Margaret Sts., St. Paul,

Professor of Clinical Pathology.

L. A. NELSON, M. D.,

Lowry Arcade, St. Paul,

Professor of Clinical Ophthalmology and Otology.

GEO. P. CRUME, M. D.,

815 Andrus Building, Minneapolis,

Professor of Dermatology and Genito-Urinary Diseases.

CHARLES W. MALCHOW, M. D.,

806 Andrus Building, Minneapolis,

Professor of Proctology and Clinical Medicine.

FRANKLYN T. POEHLER, B. S., M. D.,

405 Syndicate Arcade, Minneapolis,

Professor of Diseases of the Chest and Clinical Medicine.

ADJUNCT FACULTY.

- R. M. PETERS, M. D.,
63 Syndicate Block, Minneapolis,
Instructor in Theory of Medicine.
- CHARLES F. DISEN, M. D.,
2600 East Twenty-second St., Minneapolis,
*Instructor in Operative Surgery and Demonstrator of
Anatomy.*
- EDMUND STEVENS, M. D.,
337 Wabasha St., St. Paul,
Instructor in Clinical Obstetrics.
- ELIZABETH WOODWORTH, M. D.,
55 Syndicate Block, Minneapolis,
Instructor in Bacteriology.
- H. T. NIPPERT, M. D.,
Ninth and Wabasha Sts., St. Paul,
Instructor in Clinical Medicine.
- LOUIS DUNN, M. D.,
3040 Lyndale Ave. S., Minneapolis,
Instructor in Pathology.
- GEO. J. GORDON, M. D.,
204 Masonic Temple, Minneapolis,
Instructor in Therapeutics and Clinical Obstetrics.
- ARCHA E. WILCOX, M. D.,
340 Andrus Building, Minneapolis,
Quizmaster in Anatomy.
- A. E. JOHNSON, M. D.,
2408 Central Ave., Minneapolis,
Instructor in Apparatus and Bandaging and Clinical Surgery.
- ELIJAH BARTON, L. L. D.,
305 Oneida Block, Minneapolis,
Lecturer on Medical Jurisprudence.

- J. H. RISHMILLER, M. D.,
Pillsbury Building, Minneapolis,
Instructor in Clinical Gynecology.
- W. KAY BARTLETT, M. D.,
2901 Washington Ave. N., Minneapolis,
*Instructor in Clinical Microscopy and Demonstrator in
Medicine.*
- R. L. TEBBITT, M. D.,
College Bldg., 7th Ave. and 5th St. S., Minneapolis,
Instructor in Histology.

UNIVERSITY SCHOLARS ASSISTING IN
LABORATORY INSTRUCTION.

GEO. F. SWINNERTON,
ROBERT H. MONAHAN,
ELIZABETH R. STEVENS,
EMILE O. VOYER,

In Bacteriology.

BYRON O. MORK,
ERLE B. CROSBY,
RAYMOND E. BECHTEL,

In Pathology.

THORVALD J. JENSEN,
R. M. GUNDERSON,

In Anatomy.

HARRY R. BAKER,
MARION M. HURSH,
FRANK NORMAN,

In Chemistry.

DISPENSARY CLINICAL STAFF.

G. C. BARTON, M. D., PRES.,
Gynecology.

J. D. SIMPSON, M. D.,
Eye and Ear.

C. H. BRADLEY, M. D.,
General Medicine.

F. T. POEHLER, M. D., SEC. and TREAS.,
General Medicine.

J. A. WATSON, M. D.,
Nose and Throat.

G. P. CRUME, M. D.,
Dermatology.

H. B. SWEETSER, M. D.,
Surgery.

A. E. JOHNSON, M. D.,
Surgery.

W. K. BARTLETT, M. D.,
General Medicine.

CALENDAR

1905.

- Sept. 1.—Friday. Matriculation books open.
Sept. 18.—Monday. Entrance examinations, 9 a. m.
Sept. 18.—Monday. Opening address, 8 p. m.
Sept. 19.—Tuesday. Lectures begin, 9 a. m.
Sept. 23.—Saturday. Examinations for advanced standing.
Oct. 2.—Monday. Tuition tickets required for admission to lectures.
Oct. 14.—Saturday. Examinations for conditioned students.
Nov. 1.—Wednesday. Matriculation books close.

Christmas vacation from Dec. 22, 1905, to January 8, 1906.

1906.

- Jan. 8.—Monday. Lectures resumed, 9 a. m.
Feb. 1.—Thursday. Session tickets required for admission to lectures.
Feb. 22.—Thursday. Washington's Birthday; a holiday.
May 14.—Monday. Final examinations begin.
June 3.—Sunday. Baccalaureate sermon, 10:30 a. m.
June 4.—Monday. Class night, 8 p. m.
June 6. Wednesday. Commencement, 2 p. m.
June 7.—Thursday. Alumni banquet, 7 p. m.

COLLEGE BUILDINGS

The college building is situated on the corner of Fifth street and Seventh avenue south, and was finished and occupied on January 1, 1900.

The college has been exceedingly fortunate in securing its location, immediately opposite the large new buildings of the city hospital, giving unequaled clinical advantages, and the finest location for a medical college in the Northwest.

The building now occupied is the south wing only, of the completed structure as it is to be. The site has been purchased to provide for the future growth of the department, and is very commodious, containing ample room for all future growth. The entire plans, as drawn, provide for a building one hundred and thirty by one hundred and fifty feet on the ground, and most admirably arranged in every detail for the best work.

The south wing now occupied will be ample for the present needs and the immediate future. The large amphitheater seats two hundred and twenty-five. There are two other large class rooms. The dissecting room with adjoining lavatory is large, extending entirely across the building and admirably lighted across both sides and by skylight. The laboratories are large, airy and carefully arranged for light and convenience. There is a student's reading room and a separate ladies' parlor and retiring rooms. Especial attention has been given to the dispensary rooms which occupy the ground floor. Eleven rooms are devoted to this purpose, with large waiting rooms, history, clinic and drug rooms, giving by far the best dispensary facilities in the city.

ANNOUNCEMENT

The Medical Department (Minneapolis College of Physicians and Surgeons) will begin its twenty-third annual course of lectures on September 18, 1905, at 8:00 p. m., at which time the introductory address will be given in the college amphitheater.

History

The college is the oldest chartered institution for medical education in the state of Minnesota. It was founded in 1883, for the purpose of elevating the standard of medical education in the Northwest, and has always maintained the highest standard of requirements.

In 1895 the college became the medical department of Hamline University, which has added greatly to its efficiency and usefulness.

In the same year the course of study was lengthened to four years, beginning with the class entering for that session.

In 1896 the length of session was increased from six to eight months, and notice was published that on and after the year 1900 a first grade high school diploma, or its equivalent, would be required for entrance, this being the first school in the Northwest to assume this requirement.

In 1897 an important advance was made by the college in establishing a full list of clinics in St. Paul, with an able corps of instructors and free access to the hospitals of that city.

The faculty includes many of the ablest and best known practitioners in the Northwest, both in general and special fields of practice.

Beginning with the session 1901-2, the opening of the college year was changed to the third week in September, lengthening the session to eight and a half months.

In 1901 allowance of advanced standing, except to students from the recognized medical colleges, was eliminated.

Hospitals

The clinical facilities of this college are the best that can be obtained in the twin cities, the building being situated in the immediate vicinity of the four chief hospitals of Minneapolis. The various members of the faculty are on the visiting staffs of the hospitals of the two cities. The wards of the Minneapolis City Hospital, Asbury Methodist, St. Barnabas, St. Mary's, and the Swedish Hospitals, in Minneapolis, and the City and County Hospital, St. Joseph's, and Luther Hospitals, in St. Paul, are all freely available for purposes of instruction to the students of this college.

The clinical material is being rapidly increased in both cities, but more especially in Minneapolis, where the City Hospital has added largely to its capacity in completing the new wing for contagious diseases, making the total capacity over 250 beds. The Swedish Hospital accommodates 125 patients. The new buildings of Asbury Hospital, to accommodate 200 or more, will be completed, and improvements at St. Barnabas Hospital have added materially to the capacity of this institution. All these hospitals, with over 600 beds, are within ten minutes' walk of the college building, giving a wealth of material for practical instruction not excelled anywhere in the West.

Over twenty hospital appointments are open to the graduates of this college, either by competitive examination or direct choice. The position of hospital steward at the state prison is also open to graduates.

Requirements for Admission

This college is a member of the Association of American Medical Colleges, and the requirements for admission are the same as those required by all colleges of the association, three options, as follows: (a) A diploma from a four-year high school, or normal school, or academy, all of which (high school, normal school, or academy) require for admission evidence of the completion of an eight-year course in the primary and intermediate schools; (b) A bachelor's degree from an approved college or university; (c) An examination in the following branches:

1. *English*—Grammar, rhetoric, and composition, equivalent to two years of high school work in this branch.
2. *Algebra*—To quadratics.

3. *Latin*—One year of high school work, including grammar and four books of Cæsar, or the equivalent therefor.

4. *Physics*—One year of high school work, including some laboratory experiments.

5. *United States History*—One year of high school work.

Besides the above five branches, from which there shall be no deviation, examinations must be passed on any seven subjects of the student's choice from the following twenty-one studies:

1. *Latin*—One or more years; Cæsar, Cicero, and Virgil.
2. *German*—One or more years; grammar and literature.
3. *French*—One or more years; grammar and literature.
4. *Chemistry*—One or more years, with laboratory work.
5. *Botany*—One or more years.
6. *Zoology*—One or more years.
7. *Geometry*—One or more years; plane.
8. *Geometry*—One or more years; solid.
9. *Trigonometry*—One or more years.
10. *Astronomy*—One or more years.
11. *Physiology*—One or more years.
12. *Physical Geography*—One or more years.
13. *English Literature*—One or more years.
14. *Advanced Algebra*—One or more years.
15. *Civics*—One or more years.
16. *General History*—One or more years.
17. *Greek*—One or more years.
18. *Logic*—One or more years.
19. *Ethics*—One or more years.
20. *Psychology*—One or more years.
21. *Greek and Roman History*—One or more years.

State high school certificates will be accepted in lieu of the examinations in any or all of the branches required for admission.

Admission to Advanced Standing

Students from *accredited medical schools only* will be allowed advanced standing. Each applicant must furnish to the Registrar, first, *certificates of attendance* of at least *seven months* in each year for which he desires time allowance from this school; second, a *record of work* from some officer of the school, which he has attended, which record will be verified by correspondence between the two schools; third, a *catalogue* of the school in

which he has done the work for which he desires credit in this school.

On verification of this evidence, the Registrar will furnish to applicants cards of admission to the second, third, or fourth year classes, for advanced standing of one, two or three years. The college reserves the right to require examinations on any and all subjects in its curriculum, should the record of the student be in any way not satisfactory.

Registration

At the commencement of each term students are required to enroll their names and residences in the register of the college. This register is closed on the first day of November in each year. Fees are payable to the Treasurer or Registrar, and must be paid at the time of registration.

Registration will not be granted to any student who has more than two conditions; and both conditions must be in the year preceding the one for which he registers.

Examinations

Final examinations are held in all subjects, either on completing the subject (half year subjects only) or at the end of the session.

Regular attendance is required of each student, and *no student will be allowed to take the final examination in any subject in which he has failed to attend 85 per cent. of the work.*

Should any student fail in any branch he will be notified of such failure by the Registrar, who will furnish to each student, within six weeks of the final examinations, a record of the year's work.

Upon notification of failure by the Registrar it devolves on the student to take the examination for conditioned students, held soon after the opening of the session.

Failure to pass the regular examination and one conditioned examination must be followed by the repeating of the lectures in the conditioned subjects on the part of the unsuccessful student. Repeating of lectures must also follow failure to attain 85 per cent. of attendance.

Conditioned examinations will be held Saturday, October 14, 1905.

Requirements for Graduation

Candidates for the degree of Doctor of Medicine and Master of Surgery (M. D. C. M.) conferred by this college must possess the following qualifications:

- (1) They must be over twenty-one years of age.
- (2) They must be of good moral character.
- (3) They must have spent four full years in the study of medicine.
- (4) They must have attended four full courses of lectures, of at least eight months each, the last of which must have been in this college, and the three former in this or some other recognized regular college of medicine.
- (5) They must have passed satisfactory examinations in the various branches of study, in accordance with the curriculum of this college.
- (6) They must have attained an average of at least 75 per cent. in scholarship.
- (7) They must have paid all fees in full.

Diplomas

Diplomas will be conferred only at commencement. Should any fourth year student fail to pass his regular examinations at the end of the session, he may attempt the conditioned examination at the opening of the following session; should he then remove all conditions, he will be granted a certificate to that effect, which will enable him to at once go before the state board of examiners as a graduate of this school; but his diploma will not be conferred until the following commencement.

Fees and Expenses

Students of this college will be uniformly charged as follows:

Matriculation fee, payable first year of attendance, only.....	\$ 5.00
General ticket, payable each year of attendance (including all charges for lectures, clinics, examinations, diplomas, etc.)	80.00
Graduates of other medical schools will be admitted to all the lectures, clinics and laboratory courses, upon payment of	50.00
Material in practical anatomy, per part, second year.....	7.50
Chemical laboratory fee, first and second years.....	5.00
Special conditioned examination (by vote of faculty, only).	5.00

NOTE.—The City and County Hospital, St. Paul, makes a charge of \$3.00 per student for attendance on clinics.

Fees are paid invariably in advance: One-half at the opening of the session, and one-half on or before the first of February.

The college reserves the right to change the fees at any time through publication in its annual announcement.

There are no fees for special courses or quizzes in this college. No instructor, dispensary physician or professor is allowed, under any circumstances whatever, to receive a fee for instruction.

Board and Lodging, Etc.

The expense of living in Minneapolis is less than in most other large cities. Students obtain board and room-rent for \$20.00 a month or less, and this sum may be considered adequate for the ordinary expense of a student at this school. The expense for books varies between \$20.00 and \$30.00 a year.

Text-books and supplies can be obtained of the College Janitor.

For further information, address

EDGAR M. DUNN, A. B., REGISTRAR,
College Building, Seventh Ave. and Fifth St. S.,
Minneapolis, Minn.

DIVISION OF SUBJECTS

The course of instruction in this college consists of a four years' graded series of lectures, recitations, clinics and laboratory exercises. Each session is of eight and one-half months' duration, and the subjects are arranged as follows:

First Year

Histology.
Anatomy.
Chemistry.
Physiology and Embryology.
Materia Medica.

Second Year

Anatomy.
Medical Chemistry.
Physiology.
Materia Medica.
Pathology.
Apparatus and Bandaging.
Physical Diagnosis.

Third Year

Therapeutics.
Surgical Anatomy.
Pathology.
Bacteriology.
Dermatology and Genito-Urinary Diseases.
Obstetrics.
Gynecology.
Theory of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.
Clinical Microscopy.

Fourth Year

Practice of Medicine.
Principles and Practice of Surgery.
Physical Diagnosis and Clinical Medicine.
Operative and Clinical Surgery.
Obstetrics.
Gynecology.
Paediatrics.
Preventive Medicine and Medical Insurance.
Medical Jurisprudence.
Neurology.
Psychological Medicine.
Ophthalmology and Otology.
Laryngology.
Orthopaedic Surgery.
Proctology.
Diseases of the Chest.

TABULAR VIEW

First Year	Second Year	Third Year	Fourth Year
<i>Histology.</i> <i>Histology Laboratory.</i> <i>General Chemistry.</i> <i>General Chemistry Lab.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Pathology Laboratory.</i> <i>*Apparatus and Bandaging.</i> <i>*Physical Diagnosis.</i>	<i>Medical Chemistry and Toxicology.</i> <i>Medical Chemistry Laboratory.</i> <i>Anatomy.</i> <i>Anatomy Laboratory.</i> <i>Physiology.</i> <i>Physiology Laboratory.</i> <i>Materia Medica.</i> <i>Pathology.</i> <i>Pathology Laboratory.</i> <i>*Apparatus and Bandaging.</i> <i>*Physical Diagnosis.</i>	<i>*Surgical Anatomy.</i> <i>Therapeutics.</i> <i>Pathology.</i> <i>Bacteriology.</i> <i>Bacteriology Laboratory.</i> <i>Dermatology.</i> <i>Genito-Urinary and Venereal Diseases.</i> <i>Theory of Medicine.</i> <i>Physical Diagnosis.</i> <i>Obstetrics.</i> <i>Gynecology.</i> <i>Principles and Practice of Surgery.</i> <i>Clinical Medicine.</i> <i>Clinical Microscopy.</i>	<i>Practice of Medicine.</i> <i>Principles and Practice of Surgery.</i> <i>Clinical Medicine.</i> <i>Operative and Clinical Surgery.</i> <i>Obstetrics.</i> <i>Gynecology.</i> <i>Paediatrics.</i> <i>*Preventive Medicine.</i> <i>*Medical Insurance.</i> <i>*Medical Jurisprudence.</i> <i>Neurology.</i> <i>*Psychological Medicine</i> <i>Ophthalmology and Otol-ogy.</i> <i>Laryngology.</i> <i>*Orthopaedic Surgery.</i> <i>Proctology.</i> <i>Diseases of the Chest.</i>

NOTE—Final examinations in all subjects in *Italics*. Attendance and quizzes required in all other subjects.

*Lectures in these courses occupy less than full session.

SCHEDULE 1905-06

FIRST YEAR

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Physiology Dight.	Physiology Dight.	Physiology Dight.	Physiology Dight.	Anatomy Quiz Wilcox.	
10-11	Histology. Tebbutt.	Anatomy Dreisbach.	Histology Tebbutt.	Anatomy Dreisbach.	Histology Tebbutt.	
11-12		Mat. Medica Williams.		Mat. Medica Williams.		
1-2		* Anatomy Dreisbach.	Laboratory Demonstrations. Disen.			
2-3		Chemistry Dunn.	Chemistry Dunn.	Chemistry Dunn.		
3-4		Chemistry Lab. Dunn.	Chemistry Lab. Dunn.	Chemistry Lab. Dunn.		
4-5						

*Part of year only—during dissections.

SCHEDULE 1905-06
SECOND YEAR

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Physiology Dight.	Physiology Dight.	Physiology Dight.	Physiology Dight.	Lab. Physiology Dight.	Anatomy Quiz Wilcox.
10-11	*Anatomy Dreisbach.	*Apparatus & Bandaging Johnson	Anatomy Dreisbach.	Apparatus & Bandaging Johnson.	Anatomy	Lab. pathology L. Dunn.
11-12	Medical Chemistry E. Dunn.	Materia Medica Williams.	Lab. Pathology 11-12:30 L. Dunn.	Materia Medica Williams	Dreisbach. Medical Chemistry E. Dunn.	
1-3			Anatomy Laboratory—Disen.			
3-4	Lab. Medical Chemistry E. Dunn.					
4-5		*Physical Diagnosis.				
5-6	Pathology Watson.	Pathology Watson.		Pathology Watson.		

*Half session only.

SCHEDULE 1905-06

THIRD YEAR

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Theory of Medicine Feters.	Practice of Surgery Sweetser.	St. Paul Clinics.	Physical Diagnosis Bradley.	Surgical Clinic Sweetser Byrnes. Hoegh	Principles of Surgery Byrnes.
10-11	*Surgical Anatomy Dreisbach.	Gynecology Barton.		Dermatology and Genito Urinary Diseases. Crume.		Gynecology Barton.
11-12		Bacteriology Lab. Corbett Woodworth 11-12:30.		Bacteriology Lab. Corbett Woodworth 11-12:30.	Medical Clinic Bradley Poehler Williams.	Bacteriology Corbett.
1-2	Clinical Physical Diagnosis Bradley Sections.	Dispensary Clinics.	Schedule to be furnished later.	Dispensary Clinics.	Dispensary Clinics.	Dermatology and Genito Urinary Disease Clinic Crume.
2-3	Clinical Microscopy Bartlett.					
3-4		Obstetrics Hallowell.		Obstetrics Hallowell.		
4-5		Therapeutics Williams Gordon.		Therapeutics Williams Gordon.		
5-6	Pathology Watson.	Pathology Watson.		Pathology Watson.		

*Half session lecture.

SCHEDULE-1905-1906 FOURTH YEAR

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10	Orthopedic Surgery and Diseases of Joints Hoegh.	Principles of Surgery Bynes.	St. Paul Clinics.	Practice of Medicine Moore.	Surgical Clinic Sweetser Byrnes Hoegh.	Practice of Surgery Sweetser.
10-11	Preventive Medicine and Medical Insurance McCollom.	Gynecology G. Barton.				Gynecology G. Barton.
11-12	*Diseases of Chest Thomas.	Surgery Quiz Johnson.	Schedule to be furnished later.	Laryngology Watson.	Medical Clinic Bradley Foehler Malchow Williams.	*Legal Medicine E. Barton.
1-2	Eye and Ear Clinic Simpson Sections.	Nose & Throat Clinic Watson. Medical Clinic Bradley Foehler Malchow. Sections.		Nose & Throat Clinic Watson. Medical Clinic Bradley Foehler. Sections. Operative Surgery Disen.	Gynecology Clinic G. Barton.	Eye & Ear Clinic Simpson. Sections.
2-3	Proctology Malchow.	Paediatrics Knights.				Diseases of Eye and Ear Spratt.
3-4	*Psychological Medicine Bartlett.	Obstetrics Hallowell.		Obstetrics Hallowell.	Contagious Disease Clinic Corbett.	
4-5	*Diseases of the Chest , Poehler.	Neurology Crafts.			Neurology Clinic Crafts.	

*Half session lecture.

COURSE AND METHODS OF INSTRUCTION

Anatomy

The course in Anatomy consists of didactic lectures, and practical exercises under the direction of the demonstrator. A careful study of the human body is made the chief object of the course, the didactic and other work being supplemental to that of the dissecting room. Each student will be required to dissect one entire half of the cadaver, and if sufficient material is available, will be required to do all parts twice. A minimum requirement of seventy-two hours' work will be exacted for each dissection.

The work in Anatomy covers two and a half years' instruction. Plates, diagrams, models, and frozen sections are used freely in illustration. Frequent recitations and quiz classes are made a feature of the work. Boxes containing half skeletons are provided for use of the students.

First Year.—Two lectures per week entire session. Prof. Dreisbach.

Quiz work once a week, part session. Dr. Wilcox. Demonstrations on cadaver. Dr. Disen.

Second Year.—Two lectures a week, first half session, and three lectures a week second half session. Prof. Dreisbach.

Dissections and demonstrations in the anatomical laboratory. Dr. Disen.

Quiz work once a week, part session. Dr. Disen.

Third Year.—Surgical Anatomy once a week, first half session, with continual demonstration on the subject. Prof. Dreisbach.

Text Books.—Anatomy—Morris, Gray, Cunningham, Gerrish, Quain.

Practical Anatomy—Holden, Cunningham.

Surgical Anatomy—Treeves, Morris.

Collateral Reading — Weisse's Practical Human Anatomy, Deaver's Surgical Anatomy, McClellan's Regional Anatomy, Holden's Osteology.

Histology

Since a knowledge of the normal microscopic structure of any organ is necessary in order either to understand the functioning of the organ or to recognize structural changes of a pathologic nature, the study of histology is made prominent, and a constant effort is made to connect histological facts with their related physiological facts on the one hand, and with pathological facts on the other. The course is made as practical as possible, emphasizing the work done in the laboratory, and giving students a general knowledge of the laboratory technique, while thoroughly familiarizing them with the microscopic details of all of the tissues. All students are strongly recommended to provide themselves with microscopes, but instruments will be provided by the school for the use of those whose means will not afford purchasing.

First Year.—Lectures or recitations two hours a week throughout the session. Laboratory work two hours twice a week. Dr. Tebbitt.

Text-book.—Piersol.

Collateral Reading. — Schaefer's Essentials of Histology. Stohr's Manual of Histology. Davidoff and Huber's Text Book of Human Histology. Bohm's Histology.

Physiology and Embryology

Physiology is taught by lectures, quizzes and laboratory instruction.

The lectures are replete with demonstrations, affording the students opportunity to see as well as hear. Thus diffusion of gases is shown with the diffusion chambers, osmosis with the osmometer, and oxidation in fluids is exhibited in studying the part these physical and chemical processes contribute in sustaining life. The vital processes are studied by frequent demonstrations on the lower animals, exhibiting facts in respiration, the blood and its circulation, digestion, absorption, secretion, the muscular and the nervous systems. The student thus studies the body practically and observes the vital phenomena.

First Year.—Four lectures a week throughout the year, including recitations on all work covered. Prof. Dight.

Second Year.—Four lectures a week through the year, work in the laboratory in experimental physiology and physiological

chemistry, in sections each week. The whole work thus gone over is reviewed in quizzes before the final written examination is taken. Prof. Dight.

Text-books.—Kirk's Physiology. Foster, American Text-book of Physiology.

Collateral Reading.—Waller, Human Physiology. Herrmann's Luhrbuch der Physiologie. Halliburton's Text-book of Chemical Physiology. Fick, Compendium der Physiologie.

Chemistry

The course in this department includes lectures on the principles of chemistry and its nomenclature, with complete qualitative analysis. Urinalysis, organic chemistry and toxicology are included in the advanced work of the second year.

First Year.—Three lectures a week, continuing through the session, laboratory work two hours three times a week, and recitations each week. Prof. Dunn.

Second Year.—Two lectures a week through the session with recitations, covering successively organic chemistry, urinalysis and toxicology. Prof. Dunn. Laboratory work two hours once a week throughout the session, including clinical chemistry. Prof. Dunn.

Text-books First Year.—Remsen's Briefer Course.

Collateral Reading.—Witthaus, Manual of Chemistry. Hill, Text-book of Chemistry. Bartley, Text-book of Chemistry. Rockwood, Qualitative Analysis for Medical Students.

Text-books Second Year.—Purdy's Urinalysis and Urinary Diagnosis. Reese on Toxicology.

Collateral Reading.—Tyson, Practical Examination of the Urine. Riley, Toxicology. Remsen, Organic Chemistry. Wittthaus, Hill, Bartley.

Materia Medica

This subject is taught by lectures, recitations and written quizzes; exhibition of crude drugs and pharmaceutical preparations. Especial attention is given to the physiological action of drugs. An unusual amount of time is given to the study of this subject.

First and Second Years.—Two lectures a week through the year. Prof. Williams.

Text-books.—White's Materia Medica.

Pathology

This subject is taught by lectures, recitations, frequent quizzes and laboratory exercises, including the making of autopsies and the exhibition and study of the morbid specimens before the class. The study in this subject is very complete, covering the processes of disease and the general and special causes of morbid change in function and structure. An extensive museum is being rapidly collected which is invaluable in demonstration and illustration. In the laboratory the student observes the finer changes in tissue as shown under the microscope, and is instructed in preparing, staining and mounting specimens for examination.

Second Year.—Three lectures a week during the session. Recitations or quizzes each week. Laboratory work two hours twice a week in sections. Prof. Watson, Dr. Dunn.

Third Year.—Three lectures a week through the year. Prof. Watson. Clinical pathology once a week, half session. Dr. Plondke. Recitations or quizzes each week.

Text-books.—Stengel. Delafield & Prudden. Coplin-Ziegler. Thayer.

Bacteriology

The great advance in the importance of this subject requires a greater proportional amount of time in undergraduate study, and it is accordingly given suitable emphasis. The lectures treat of the subject in general and also of the detail of laboratory technique. The laboratory is equipped with the best apparatus for the practical study of the subject. All the bacteriological work of the city health department and of the Minneapolis City Hospital is done in this laboratory, giving especially fine opportunities for the student.

This year each student was required to work as follows:

To prepare, sterilize, and keep on hand six different kinds of culture media. To make cultures of all of the pus bacteria, and record observations of same. To study, on cover glasses, various organisms in pus. To demonstrate different varieties of pus cells. To make cultures of Colon Bacilli. To make cultures of Typhoid, and differentiate same from Colon Bacilli. To make Widal reactions. To make mounts from six different specimens of Diphtheria. To stain, in several ways, Gonococci. To mount and stain specimens of Tubercle Bacilli. To make plates of

mouth bacteria, and prepare cultures from each colony, and study same. To make one analysis of water.

Third Year.—One lecture a week. Prof. Corbett. Two hours twice a week in the laboratory. Prof. Corbett, Dr. Woodworth.

Text-books.—Williams' Manual of Bacteriology, Abbott's Principles of Bacteriology, McFarland's Text-book of Pathogenic Bacteria.

Therapeutics

The work in this subject following the two years' continuous study of materia medica, is arranged in close sequence, and gives the student a most complete and comprehensive grasp of the use of purely medicinal treatment. The quiz method is largely used in this branch, together with lectures and demonstrations clinically under this and other chairs.

Third Year.—Two exercises a week through the year. Prof. Williams; Dr. Gordon.

Text-books.—Hare's Practical Therapeutics. White's Materia Medica and Therapeutics.

Collateral Reading.—Butler, Bartholomew, Shoemaker.

Theory and Practice of Medicine

This course includes a full and exhaustive study of the various systemic diseases and the minute consideration of each; the pathological basis being given especial consideration. This course extends through two years, with final examination on the Theory of Medicine at the end of the third year and Practice at the end of the fourth year.

Third Year.—One lecture a week through the session. Dr. Peters.

Fourth Year.—One lecture a week through the session, with recitations each week on all ground covered. Prof. Moore.

Text-books.—Rogers' Introduction to the Study of Medicine. Tyson's Practice of Medicine. Ander's Practice of Medicine. French's Practice of Medicine. Butler's Medical Diagnosis. Musser's Medical Diagnosis.

Collateral Reading.—Strumpell's Text-book of Medicine. Osler's Practice of Medicine. Thompson's Practice of Medicine. Hare's Practice of Medicine.

Physical Diagnosis and Clinical Medicine

The work in this department is commensurate with its importance, and is thoroughly systematized. It consists of didactic lectures on all the methods and means of procedure in diagnosis, and also the consideration of disease from the standpoint of the clinician. Ample general clinics are conducted, and much work is done in small sections, drilling the students in the observation and recognition of both normal and abnormal physical signs.

Second Year.—Half session, one hour a week. Physical examination of normal chest, and practice in the technique of physical diagnosis. Prof. Bradley, Prof. Poehler, Dr. Bartlett.

Third Year.—Lecture once a week through the session. Prof. Bradley. General clinics twice a week in the hospital amphitheatres of the Twin Cities. Prof. Meade, Prof. Bradley.

Fourth Year.—Lecture once a week through the year. General clinics twice a week. Section clinics daily. A great part of the work being in small sections, with the personal attention of the instructors. Profs. Meade, Bradley, Poehler, and Malchow, and Drs. Nippert and Bartlett.

Text-books.—Cabot Physical Diagnosis. Jakob Atlas of Internal Medicine. Butler Medical Diagnosis. Vierordt's Medical Diagnosis. Musser's Medical Diagnosis. Gibson and Russell, Physical Diagnosis. LaFevre's Physical Diagnosis. Hare's Practical Diagnosis.

Collateral Reading.—Osler's Practice of Medicine. Twentieth Century Practice of Medicine.

Dermatology

This subject covers the didactic and clinical consideration of diseases of the skin, and is fully illustrated by colored plates and drawings.

Third Year.—Two lectures and clinics a week during first half of session. Prof. Crume.

Text-books.—Jackson, Walker, Morris, Schamberg's Compend.

Collateral Reading.—Crocker. Hyde. Van Harlingen. American Text-Book. Stelwagon's Essen. of Diseases of the Skin.

Genito-Urinary Diseases

Lectures on the diseases of the sexual and urinary apparatus, together with ample clinical study at the hospitals and dispensaries.

Third Year.—Two lectures and clinics a week during the second half of the session. Prof. Crume.

Text-books.—Morton. Keyes. White and Martin. American Text-Book.

Neurology

The course in this subject includes didactic lectures on the anatomy and physiology of the nervous system, with demonstrations by fresh and hardened specimens; models, plates and diagrams; concise consideration of a carefully selected group of diseased conditions, and clinical study and demonstration with special attention to treatment, including electro-therapeutics.

Fourth-Year.—One lecture and one clinic a week for the entire session. Prof. Crafts.

Text-books.—Pott's Nervous and Mental Diseases. Jakob. Oppenheim's Diseases of the Nervous System. Church and Peterson's Nervous and Mental Diseases. Dercum's Nervous Diseases by American Authors. Mills' The Nervous System and its Diseases. Gower's Diseases of the Nervous System. Bramwell's Diseases of the Spinal Cord.

Collateral Reading.—Dana's Text-book of Nervous Diseases. Strumpell's Text-book of Medicine. Sach's Nervous Diseases of Children. Harter's Manual of Diagnosis of Nervous Diseases. Gardinier's Anatomy of the Nervous System.

Psychological Medicine

In this subject the complete course is confined to detailed study of the various forms of mental diseases and aberration.

Fourth Year.—One lecture a week during first half of session. Prof. Bartlett.

Text-books.—Berkeley. Clouston. Spitska. Chapin. Shaddock.

Collateral Reading.—J. Bevan Lewis. Hyslop, Mental Physiology. Kraepelin, Psychiatrie. Tuke's Dictionary of Psychiatric Medicine. Brower and Bannister, Practical Manual of Insanity. Church and Peterson.

Proctology

The course in this subject consists of didactic lectures and clinical instruction and demonstrations.

Fourth Year.—One lecture a week throughout the session. Prof. Malchow.

Text-books.—Tuttle. Gant. Matthews.

Collateral Reading.—Allingham. Cripps. Ball.

Surgery

This branch is covered most thoroughly, including didactic lectures on the practice of surgery with especial attention to diagnosis and treatment. Under the principles of surgery minute attention is given to surgical pathology, the course covering two years in continuous sequence. A separate course in operative surgery is given, showing operative technique and demonstrating the various operations on the cadaver. This course also includes instruction in apparatus and bandaging. The hospitals of Minneapolis and St. Paul furnish a wealth of material for clinical purposes in this branch.

Third Year.—Practice of Surgery, one lecture a week. Prof. Sweetser. Principles of Surgery, one lecture a week. Prof. Byrnes.

Fourth Year.—Principles of Surgery, one lecture a week. Prof. Byrnes. Practice of Surgery, one lecture a week. Prof. Sweetser.

Fourth Year.—Course in operative surgery on the cadaver. Dr. Disen.

Fourth Year.—Course in Orthopaedic Surgery. Prof. Hoegh. Principles and Practice of Surgery.

Text-books.—Rose and Carless. American Text-book of Surgery. Roswell Park's Surgery. Vaughan's Surgery.

Operative Surgery.

Text-book.—Bickhem's Operative Surgery.

Collateral Reading.—International Text-book of Surgery. Bryant's Operative Surgery. Binnie's Operative Surgery.

Clinical Surgery

Third and Fourth Years.—A two-hour clinic is given each week at some one of the hospitals in Minneapolis and one in St. Paul of the same length. Prof. Sweetser, Prof. Byrnes, Prof. Shimonek, Prof. Schwyzer, Prof. Hoegh.

Second Year.—Instruction in apparatus and bandaging, two lectures a week, part session. Dr. Johnson.

Gynecology

Gynecology is taught by didactic lectures and recitations; by clinical instruction, and by demonstrations on the cadaver. The course in Clinical Gynecology comprises the general clinics given at the various hospitals, and instruction given to the fourth year class (in sections) on examinations, diagnosis, and treatment.

Third and Fourth Years.—Lectures twice a week during session. Prof. Barton.

Fourth Year.—Clinics; general twice a week; in sections twice a week. Profs. Barton and Renz, Dr. Rishmiller.

Text-books.—Montgomery's Practical Gynecology. Reed's Text-book of Gynecology. Hirst's Text-book of Diseases of Women.

Obstetrics

This chair combines didactic teaching with searching oral and written quizzes, and demonstrations on the manikin and charts.

Third and Fourth Years.—Two lectures a week during the full session. Prof. Hallowell. Clinical observation and personal conduct of cases under the direction of Prof. Hallowell and Drs. Stevens and Gordon.

Text-books.—Edgar. Williams. Hirst. Jewett. Garrigues. King's Manual American Text-book of Obstetrics.

Ophthalmology and Otology

In this department instruction combines didactic teaching with thorough quizzes and ample clinical opportunities at the dispensaries and hospitals for the study of the medical and surgical treatment of these organs.

Fourth Year.—Lectures once a week. Prof. Spratt. Clinic, one hour in sections, twice a week. Prof. Simpson. Clinic, two hours once a week. Profs. Boeckmann and Nelson.

OPHTHALMOLOGY.

Text-books.—Fricke, Noyes.

Collateral Reading.—Schweinitz. Fuchs. Loring on the Ophthalmoscope. Landolt on Refraction and Accommodation.

OTOLOGY.

Text-books.—Field. Politzer. Hovell.

Collateral Reading.—Buck's Manual of Diseases of the Ear. Bosworth.

Paediatrics

Didactic lectures form a large part of this course, with special attention to infant feeding and the observation and care of the child. The clinical opportunities are also ample.

Fourth Year.—One lecture a week throughout the year. Prof. Knights. Clinics each week, under general medicine.

Text-books.—Holl's Diseases of Infancy and Childhood. Taylor and Wells.

Collateral Reading.—Rotch's Paediatrics. American Text-book of Diseases of Children. Koplik's Diseases of Children.

Diseases of the Nose and Throat

Instruction in this subject consists of lectures and demonstrations in the clinic, including practical training in the use of instruments, the class being divided into small sections as in other special clinics.

Fourth Year.—Didactic lectures once a week throughout the session. Prof. Watson. Clinics in sections twice a week, at dispensaries and hospitals. Prof. Watson.

Text-books.—Knight. Bishop. Coakley. Gradle. Price-Brown.

Diseases of the Chest

This course consists of didactic lectures confined exclusively to the thoracic contents dealing theoretically with the signs of health and disease; and the treatment of the diseases of the heart and lungs.

Fourth Year.—One lecture a week throughout the session. Profs Poehler and Thomas.

Text-books.—Tyson's Practice of Medicine. Osler's Practice of Medicine.

Collateral Reading.—Nothnagel's Encyclopedia of Practical Medicine. Allbutt's System of Medicine.

Preventive Medicine and Medical Insurance

These combined subjects are grouped in a complete and sequent course, falling together naturally. The session is divided between them, the one merging into the other naturally. The student is taught the various accepted means of prevention as commonly enforced by health officials as well as the general concerns of prophylaxis, and finally the essentials of correct insurance examinations.

Fourth Year.—One lecture a week. Prof. McCollom.

Text-books.—Abbott's Hygiene of Transmissible Diseases. Rohe's Text-book of Hygiene. Egbert's Hygiene of Sanitation.

Collateral Reading.—Harrington's Practical Hygiene. Bergey's Principles of Hygiene. Thompson's Practical Dietetics.

Medical Jurisprudence

This subject comprises lectures upon malpractice, poisoning, insanity, duties of coroners, and other matters of a medico-legal nature. The lectures are given by a practical lawyer with a view of aiding the physician to apply, when called in courts, his knowledge of the different branches of medicine to the purposes of the law.

Fourth Year.—One lecture a week during half the session. Prof. E. Barton.

Clinical Microscopy and Diagnosis

The course consists of didactic lectures and laboratory work, with occasional quizzes. In the lectures, the aim will be to thoroughly cover the present views regarding the various body secretions and excretions, their normal functions and pathologic significance. In the laboratory the student will be drilled in the identification of substances found normally or abnormally, special importance being laid upon diagnosis by clinical methods. In the dispensary laboratory, the student will be expected to apply the information obtained from the didactic and laboratory courses as aids in differentiating the different diseases encountered. The following subjects will be considered:

1. The urine. A brief review of the important chemic findings, the significance and differentiation of organized and unorganized sediments.
2. The blood. Enumeration of the red and white cells, the differential leucocyte count, hemoglobin estimations, the study of stained preparations of normal and pathologic blood, the study of the malarial parasite, and the differential diagnosis of the various forms of anemia.
3. The gastric contents. Tests for the different constituents of the gastric juice and quantitative estimations of free and combined hydrochloric acid. The differential diagnosis between carcinoma, ulcer, hyperchlorhydria, and hyperacidity.
4. Vaginal discharges.
5. Transudates and exudates.
6. Sputum.
7. The feces, and the animal parasites.

Third Year.—One lecture once a week during the entire session. Laboratory two hours a week for half the session. Dr. W. Kay Bartlett.

Text-book.—Clinical Diagnosis, Boston.

Supplementary Reading.—Clinical Diagnosis, Simon. Atlas of Internal Medicine and Clinical Diagnosis, Jakob. Haematology, DaCosta. Clinical Pathology of the Blood, Ewing. Diagnosis, Musser. Diagnostics of Internal Medicine, Butler.

STUDENTS

FOURTH YEAR

BRAMWICH, JOS. H.,	St. Paul
COX, RICHARD M.,	Minneapolis
FLYNN, WILLIAM T.,	Minneapolis
KOLSET, CARL D.,	Glencoe
LINDBERG, CHARLES,	Minneapolis
LINDE, HERMAN,	Fargo, N. D.
MILLER, HUGH,	Harvey, N. D.
MINGO, FRANCIS E.,	Hamel
PETERSON, GEO. E.,	Cokato
POST, JAMES O.,	Minneapolis
SCHUSSLER, OTTO F.,	Minneapolis
STONE, EVAN.	Upsala
TALBOT, ADA E.,	Minneapolis

THIRD YEAR

ALMKLOV, LEIF,	Cooperstown, N. D.
BOUCHER, FRANK X.,	Fond du Lac, Wis.
BRASSETT, ALBERT,	Halstad
BUTTURFF, CARL R.,	Wadena
DOHM, ARTHUR J.,	St. Paul
EHMKE, WILLIAM C.,	Le Sueur
FROEHLICH, HERMAN W.,	St. Clair
GRAHAM, J. H.,	Glendive, Mont.
GROVER, FRED C.,	Minneapolis
HANSON, H. H., A. B.,	Belgrade
HEDDING, JOS. A.,	Minneapolis
JOHNSON, A. E.,	Minneapolis
JOHNSON, JULIUS,	Sacred Heart
LITCHFIELD, JOHN T.,	Minneapolis
MCLEAN, NEAL B.,	Edmore, N. D.
MELLENTHIN, MICHAEL A.,	Sleepy Eye
MONAHAN, ROBERT H.,	Minneapolis
MOYNIHAN, T. J.,	River Falls, Wis.

OSBURN, BURT F.,	Minneapolis
RIDGWAY, FLORENCE M.,	Minneapolis
SENN, EDWARD W.,	Kasson
SHELLMAN, CARL J.,	Amor
SORENSEN, ANDREW W.,	Albert Lea
STERNER, ERNEST G.,	St. Paul
STEVENS, ELIZABETH R.,	Good Thunder
SWINNERTON, GEO. F., A. B.,	Minneapolis
THAUWALD, C. C.,	St. Paul
TROOIEN, P. O.,	Hendricks
VOYER, EMILE O.,	Minneapolis

SECOND YEAR

AUNE, MARTIN,	Minneapolis
BAKER, HARRY R.,	Wood Lake
BARRINGER, PAUL E.,	St. Paul
BECHTEL, RAYMOND E.,	Minneapolis
CROSBY, ERLE B.,	Kasson
ERICKSON, H. C., A. B.,	Argyle, Wis.
GUNDERSON, R. M.,	Stephen
HAUGE, MALVIN M.,	Minneapolis
HURSH, M. M.,	Minneapolis
JENSEN, THORVALD J.,	Clifford
JOISTAD, ARTHUR H.,	St. Paul
KUSSKE, ARTHUR L.,	Le Sueur
LAWS, CARL H.,	Minneapolis
LEEDAHL, O. S., A. B.,	Power, N. D.
MORK, BYRON O., Ph. B.,	Wood Lake
MURRAY, JAMES,	Rochester
NORMAN, FRANK,	Henderson
O'DONNELL, J. E.,	Minneapolis
PHILLIPS, ALBERT E.,	Big Stone, S. D.
REXFORD, LUTHER A.,	Minneapolis
TAFT, JOHN O.,	Minneapolis
TRAINOR, M. E.,	Wilton, Wis.
WILLIAMS, WALTER J.,	Minneapolis

FIRST YEAR

ANDERSON, WILLIAM A.,	Hopkins
BEARDSLEY, GRANT S., Ph. B.,	Yucca, N. D.
BRADY, RICHARD J.,	Hastings
CARLSON, ALVIN E.,	Minneapolis

CLAY, A. J.,	Waterville
CLAY, FRANK,	Minneapolis
COWGILL, CHAS. H.,	Redwood Falls
DEZELL, EARL,	Sunset, Wash.
EDMONSTON, FRANK,	Superior, Wis.
EICHLER, W. C.,	Ada
ENGELKE, W. D.,	Lake City
ENGLUND, D. C.,	Minneapolis
EVARTS, ARRAH B.,	Mantorville
FLEISCHER, OTTO E.,	St. Paul
FROYLAND, T. J.,	Minneapolis
GIBBS, W. H. G.,	Selkirk, Manitoba, Can.
GIRVIN, RICHARD,	Mankato
GOLTZ, EDWARD V.,	St. Paul
HERON, ROY C.,	St. Paul
JACQUOT, G. L.,	Osceola, Wis.
JOHNSON, EINER W.,	Warren, Minn.
JOHNSON, JAMES E.,	St. Paul
JULIEN, ERIC A.,	Braham
KELLS, OAKFORD,	Sauk Center
KELLY, J. V.,	St. Paul
KELLY, P. H.,	St. Paul
KENNEDY, EDWARD F.,	Minneapolis
KERRICK, STANLEY E.,	Troy, Pa.
KINGSLEY, R. J.,	Anaconda, Mont.
KIRK, A. L.,	Le Sueur
LEE, JOHN W.,	Minneapolis
LUPTON, FRED N.,	Minneapolis
MCCARTY, EDISON O.,	Minneapolis
MANLEY, J. D.,	Minneapolis
MASONI, EDWARD,	Minneapolis
MILLER, TROY S.,	Minneapolis
MOATS, VIRGIL H.,	Moats, Ohio
MONROE, HARRY J.,	Minneapolis
MORGAN, ULMER H.,	Minneapolis
NELSON, WALTER P.,	Barnesville
OLSON, REINHART G.,	Nicollet
OSTRANDER, ARLEY J.,	Minneapolis
PATTERSON, CHARLES H.,	Barnesville
PAULSON, THEODORE S.,	Dalton
PLANKERS, ARNOLD F.,	St. Paul
RATH, GEORGE C.,	Barnesville

SCHMIDT, GEORGE F.,	Minneapolis
SCHOCH, ROBERT B. J.,	St. Paul
SCHONS, EDWARD,	St. Paul
SMITH, R. E.,	Moorhead
SMITH, WARREN W.,	La Crosse, Wis.
SODERQUIST, ARTHUR R.,	Lafayette
STEMPEL, FRANK E.,	Eau Claire, Wis.
THOMPSON, HELEN L. B.,	Appleton
VALLANCEY, JOHN,	Graceville
WOODARD, JOS. N.,	Minneapolis
WRIGHT, S. G.,	Minneapolis
ZIMMERMANN, HARRY B.,	St. Paul

DEGREES

On Monday, Class night, June 6th, 1904, degrees were conferred as follows:

M. D., C. M., *Cum Laude*.

OFSTAD, ARNT E.,

SCHELDE, EDWIN M., B. S.,

PETERSON, ALFRED C.,

SIVERTSEN, IVAR,

M. D., C. M.

CHRISTENSEN, WALTER,

McGURREN, CHAS. J.,

CLEMENTS, STANLEY,

OFSTAD, ARNT E.,

COFFIN, GEO. H.,

PETERSON, ALFRED C.,

DAVISON, P. C.,

SCHELDE, EDWIN M., B. S.,

HAGEN, GILBERT L.,

SHERMAN, HUBERT T.,

KERMOTT, LOUIS H.,

SIVERTSEN, IVAR,

LARSEN, CARL L.,

STEVENSON, GEO. A.,

LEBOWSKY, JOSEPH,

WENGER, F. W.,

ALUMNI

ALLEN, JOS., D. V. S., '01,
 ATHERTON, C. O., '91,
 BAIER, FLORENCE C., '97,
 BAKKE, O. H., '96,
 BARTON, EDGAR R., '01,
 BLISS, GEO. W., '95,
 BENN, FERDINAND G., '03,
 BERGQUIST, KARL E., '97,
 BEVAN, CHARLES J., '97,
 BIORN, NELS A., '01,
 BJORNEBY, PETER C., '97,
 BLOMBURGH, AXEL F., '97,
 BLOOM, WILLIAM D., '01,
 BLAKESLEE, FRANK, '97,
 BOHLAND, E. H., '03,
 BONG, JOHN H., '97,
 BURNES, CATHERINE, A., '96,
 BROWN, EDWARD I., '00,
 BRUSTAD, AXEL, '02,
 BURLINGAME, R. M., '99,
 BURTON, PAUL H., '01,
 CALDWELL, D. K., Ph. B., '03,
 CARLSON, SWAN A., '01,
 CARPENTER, GRANT S., '01,
 CARTER, JOS. A., B. A., '98,
 CHANCE, JENNER P., '00,
 CHEDECK, BENJ. H., '03,
 CHRISTENSEN, WALTER, '04,
 CHURCH, RICHARD J., '95,
 CLARK, EDWARD J., '98,
 CLAY, EDWARD M., '93,
 CLEMENTS, STANLEY, '04,
 COFFIN, GEO. H., '04,
 CONYNGHAM, E. F., '86,
 COOPER, DENTON J., '03,
 CRAMOND, JAMES E., '03,
 CRESWELL, WILLIS W., '97,

White Rock, S. D
 Minneapolis
 Blooming Prairie
 Frazee
 Valley Springs, S. D.
 Kulm, N. D.
 Cokato
 Minneapolis
 Ada
 Bagley
 St. Hilaire
 Minneapolis
 Bemidji
 Hanover
 Jasper
 Hopkins
 St. Paul
 Deceased
 Watertown, S. D.
 Fargo, N. D.
 Milaca
 Deceased
 Lake Benton
 Royalton
 Verdigre, Neb.
 Lidgerwood, N. D.
 Conway, N. D.
 Minneapolis
 Renville
 Williston, N. D.
 Minneapolis
 Phillipsburg, Mont.
 Mohall, N. D.
 Minneapolis

DAILY, MILTON, '95,	Sioux City, Iowa
DAVID, OSCAR F., '93,	Utica, Mont.
DAVISON, P. C., '04,	Clara City
DEALEY, JULIA, '97,	
DEAN, HARRIS, '03,	Kelliher
DEVEREUX, THOMAS, '01,	Deceased
DEERTZ, JOHN J., '02,	Ipswich, S. D.
DOBSON, WILLIAM C., '96,	Harrisville, Ohio
DINAHAN, RICHARD M., '97,	
DORAN, CHAS. W., B. A., '01,	Montgomery
DORAN, GEO. M., '03,	St. Paul
DORAN, JOHN E., '98,	Minneapolis
DONAHUE, D. J., '99,	Glendive, Mont.
DUMAS, CALIXTE H. D., '96,	Minneapolis
DOUGLAS, ELMER E., '94,	Hartford, Conn.
DYRNES, JOHN O., '97,	
EGAN, MICHAEL, '91,	Hetland, S. D.
EKREM, JOHN M., '03,	Minot, N. D.
ELTUN, THROND J., '04,	St. Paul
ESSEN, CARL A. C., '95,	Deceased
FARNESSE, C. W., '88,	
FARR, JOHN M., '97,	Eau Claire, Wis.
FLATEN, AMOS, '90,	Grafton, N. D.
FLEMING, ALOYSIUS S., '97,	Wheaton
FONGER, JAMES H., '00,	Gary, S. D.
FOX, JOHN M., '01,	Osseo
FOWLER, FRED H., '97,	
FRIBERG, CARL P., '03,	Africa
GENDRON, JULES, '90,	Grand Rapids
GILL, JOHN R., '00,	San Francisco, Cal.
GLIM, NELS N., '98,	Deceased
GOLBERG, MARTIN L., '01,	Twin Valley
GORDON, DAVID, '97,	Albert Lea
GOSSLEE, GILBERT L., '03,	Bemidji
GRONVOLP, FRED O., '01,	Gary
GYLLENBURG, JENNIE, '90,	
HAGEN, GILBERT L., '04,	Minneapolis
HARSHBARGER, M. M., '02,	St. Anthony, Idaho
HEFFLIN, H. NELSON, '95,	Kewaunee, Ill.
HALVORSON, K. K., '99,	
HEIMARK, JACOB H., '03,	Cyrus
HELGERSON, SIGRID, '94,	Templeton, Cal.
HELK, HENRY H., '02,	Minneapolis

HETLAND, C. L., '93,	Deceased
HIRSCHFIELD, MAX P., '02,	Duluth
HOUSTON, HUGH E., '00,	Kalispell, Mont.
HOLEN, TH., '02,	Minneapolis
HOVORKA, THOMAS J., '02,	Silver Lake
HOVORKA, WENCESLAUS, '97,	St. Paul
HUBBARD, EDWARD E., '94,	Kansas City, Mo.
HUMPHREY, EDWARD, D. V. M., '02,	Moorhead
HYNES, JAMES, '99,	Minneapolis
JACKSON, CAROLINE E., '97,	St. Anthony Park
JAMES, ROBERT J., '99,	Mackay, Wash.
JAMESON, ADELINE P., '95,	
JERMAN, WILLIAM L., '97,	Minneapolis
JONES, JAMES D., '99,	Groton, S. D.
JOHNSON, AUGUST E., '03,	Minneapolis
JOHNSON, LEWIS O., '98,	
JOHNSON, OTTO F., '02,	Winthrop
KAHALA, ARTHUR A., '02,	Mentor
KENNEDY, WILLIAM J., '03,	Marion, N. D.
KERMOTT, LOUIS H., '04,	Minneapolis
KIRKHOFF, EDWARD H., '99,	Bowerville
KILBRIDE, THOMAS F., '99,	Deceased
KING, NELSON M., D. M. D., '02,	Minneapolis
KJELLAND, JACOB S., '98,	Crookston
KJERLAND, THORSTON N., '98,	Webster, S. D.
KLING, FRITZ L., '03,	Pelican Rapids
KOHLER, GEO. A., Ph. G., '00,	Minneapolis
KOHLER, FRED G., '97,	Stewart
KNOTZ, JOHN, '97,	Cologne
KOPPLEBERGER, HARRY W., '97,	Deceased
KRIESEL, W. A., '97,	Millbank, S. D.
KRIEDT, DANIEL J., '00,	Minneapolis
KRON, LAURITZ O., '01,	California
LARSEN, CARL L., '04,	St. Paul
LEBOWSKY, JOSEPH, '04,	
LEWIS, ARTHUR J., '95,	Mora
LIMA, LUDWIG, '03,	Everett, Wash.
LIND, CARL J., '97,	Minneapolis
LOBERG, ADOLPH, '99,	Minneapolis
LOCKWOOD, L. S., '94,	Minneapolis
LORD, BERTRAM E., '03,	Glenburn, N. D.
LOWTHIAN, GEO. H., '04,	Hewitt

LUTHER, CLARA M., '01,	Minneapolis
LYONS, ADAM, '98,	Pine City
MALCHOW, CHARLES W., '94,	Minneapolis
MASON, CHARLES H., '99,	Superior, Wis.
MCCANN, GEO. E., '02,	Herman
MCCOHN, HANNAH, '90,	
MCCULLAGH, GEORGE, '03,	
MCDUGALD, D. W., '02,	Minneapolis
MCGURREN, CHARLES J., '04,	Larimore, N. D.
MCKEON, PHILLIP, '95,	New Richmond, Wis.
MCKEON, JAMES, '90,	Montgomery
MCKEON, OWEN, '00,	St. Michael
MELECH, HARRY N., '03,	Minneapolis
MELBY, OSCAR F., '01,	Warren
MERTENS, JOHN J., '03,	Lebanon, S. D.
MILLER, ROCK P., '98,	
MILLER, FRED C., '99,	Olivia
MULLER, HUGO, '96,	Britton, S. D.
MILLER, VICTOR J., '00,	Westbrook
MILES, ROBERT S., '03,	Excelsior
MINTENER, JOHN W., '00,	Minneapolis
MITCHELL, RALPH S., '03,	Grand Meadow
MOORE, FRANCIS A., '93,	Lesterville, S. D.
MOORE, GEO. B., '01,	St. Paul
MONAHAN, JOHN A., '02,	Minneapolis
MONAHAN, T. H., '86,	West Jordan, Utah
MOULTON, RACHEL, '02,	Minneapolis
MOYNIHAN, ANDREW F., '03,	Sauk Center
MURPHY, GUY D., '01,	New Rockford, N. D.
MURPHY, WILLIAM B., '97,	Minneapolis
MURRAY, WILLIAM B., '90,	Minneapolis
MUUS, PETER H., B. A., '01,	Kensington
NELSON, EDWARD W., '03,	Nashauk
NICHOLSON, EDWARD J., '02,	
OBERG, OSCAR, '98,	Sioux Rapids, Iowa
OBERG, CARL M., '99,	Minneapolis
OBERG, EMANUEL, '00,	Minneapolis
O'BRIEN, H. JEFFERSON, '95,	Superior, Wis.
O'CONNER, JERRY P., '00,	Delano
OFSTAD, ARNT E., '04,	Minneapolis
OFTEL, H. A., '02,	Kennedy
OFTEDAL, ARNE, '01,	Bisbee N. D.

OHNSTAD, JENS, '03,
 OLSON, JENNIE D., '90,
 OREDSON, O. A., '03,
 OWRE, ALFRED, '95,
 OWRE, OSCAR, '03,
 PECK, LEWELLYN D., '02,
 PETERSON, ALFRED C., '04,
 PLEHN, JOHN F., '03,
 POEHLER, FRED C., '03,
 POIRIER, ALEX. J., '03,
 POWERS, FLETCHER W., '02,
 PRYCE, ROLAND, '85,
 QUITMEYER, OTTO C., '02,
 RANDALL, AUVIGNE, '03,
 RAINVILLE, SAMUEL, '97,
 RALEIGH, ROSWELL B., '94,
 REEVE, EDWARD A. T., '97,
 REMICK, LOUIS B., '95,
 RIDGWAY, ALEXANDER, '94,
 RIDGWAY, JOSEPH, '94,
 REINHARDT, WALLACE A., '96,
 ROBERTS, EMMA J., '01,
 ROSENTHAL, SIGMUND, '96,
 RYAN, JENNIE, '93,
 RYAN, MARGARET, '02,
 ROBERTS, FLOYD J., '99,
 ROGERS, GEO. M. F., '99,
 SASSE, ERNEST G., '99,
 SCANLON, DANIEL L., '99,
 SCANLON, WILLIAM, '96,
 SCHEFCIK, J. FRANCIS, '00,
 SCHELDE, EDWIN M., B. S., '04,
 SCHLEGEL, HENRY E., '97,
 SCHULEAN, NELLIE, '93,
 SCOTT, ERNEST H., '88,
 SHELLAND, JOHN T., '00,
 SHERMAN, HUBERT T., '04,
 SHERPING, ERIC, Ph. B., '00,
 SIMPSON, J. K., '84,
 SIVERTSEN, IVAR, '04,
 SKOGEN, THOMAS T., '00,
 SOUR, STEPHEN D., '96,

Mackintosh

 Duluth
 Minneapolis
 Minneapolis
 Hastings
 Dassel
 Evarts, S. D.
 Herried, S. D.
 Forest Lake
 Barrett

 Parkers Prairie
 Underwood
 Kenmare, N. D.
 Sioux City, Iowa
 Elbow Lake
 St. Paul
 Belgrade
 Minneapolis

 Kokomo, Ind.
 Java, S. D.
 Minneapolis

 Cando, N. D.
 Buffalo
 Lidgerwood
 Volga, S. D.
 Page, N. D.
 Hutchinson
 Deceased
 Spokane, Wash.

 Deceased
 Hankinson, N. D.
 Becker
 Wyndmere, N. D.
 Juneau, Alaska
 St. Paul
 Flandreau, S. D.
 Worthington

SPEAR, EDGAR D., '01,	Nome, N. D.
STEVENSON, GEO. A., '04,	Minneapolis
STRANG, C. B., '96,	Armour, S. D.
STRECH, EDWIN D., '02,	Duluth
STURGEON, FRANK H., '03,	Evarts, S. D.
SWENSON, AXEL W., '01,	Bisbee, N. D.
SWENSON, CHARLES, '03,	Braham
TANNER, EDWARD, Ph. M., '02,	Ely
TANNER, FRANCIS G., '95,	
TAYLOR, HENRY H., D. M. D., '95,	Minneapolis
TESSIER, W. O., '87,	
THEISSEN, WILLIAM M., '01,	
TINGDALE, AUGUST C., '02,	Minneapolis
THOM, JAMES, '03,	Minneapolis
THOMPSON, ALBERT S., '02,	Mt. Horeb, Wis.
THORKELSON, THORVALD, '02,	Minneapolis
TORLAND, ASEJORN, '03,	
TREAT, VEEDER G., '94,	
TUKE, HENRY C., '96,	Minneapolis
VAN DAMME, WILLIAM, '85,	Minneapolis
VAN KIRK, FRANK J., '00,	Bellingham, Wash.
VELINE, OLAF J., '97,	Minneapolis
WARHAM, T. T., '97,	Minneapolis
WARNE, EDWARD G., D. D. S., '97,	St. Paul
WATSON, CHARLES W., '97,	Boyd
WATSON, FRED G., '03,	Clarkfield
WENDT, SAMUEL M., '97,	Castle Rock, Wash.
WENGER, F. W., '04,	
WHETSTONE, RAY F., '97,	Cass Lake
WHITING, ARTHUR D., '95,	St. Cloud
WHITTEMORE, ARTHUR A., '03,	
WIIG, IVER C. J., '96,	White Earth, N. D.
WILCOX, T. E., '97,	Bowbells, N. D.
WILLIS, ELLEN E. A., '99,	
WILLIAMS, THEODORE F., '90,	Minneapolis
WITHROW, MORRILL E., '97,	Chelsea, Wis.
WILLIAMSON, LUTIE L. S., '97,	International Falls
WOODWARD, ADELAIDE, '02,	Parma, Idaho
WOODWORTH, ELIZABETH, '01,	Minneapolis
YOUNG, EUGENE W., '96,	Minneapolis
YOUNG, VICTOR A., '03,	Kuga, N. D.

ALUMNI ASSOCIATION

Of the Medical College

(Minneapolis College of Physicians and Surgeons.

ORGANIZED APRIL 11, 1894.

The membership of this association consists of the faculty and graduates of the Minneapolis College of Physicians and Surgeons.

The object of the association is to promote the interest of the college in the work of medical education, and to cultivate social intercourse among its members.

SUMMARY OF STUDENTS

College of Medicine

Fourth year	13
Third year	29
Second year	23
First year	58
Total, College of Medicine.....	123

SUMMARY OF STUDENTS.

COLLEGE OF LIBERAL ARTS.

Post Graduate.....	10	
Senior Class.....	33	
Junior Class.....	15	
Sophomore Class.....	25	
Freshman Class.....	52	
College Specials.....	65	200

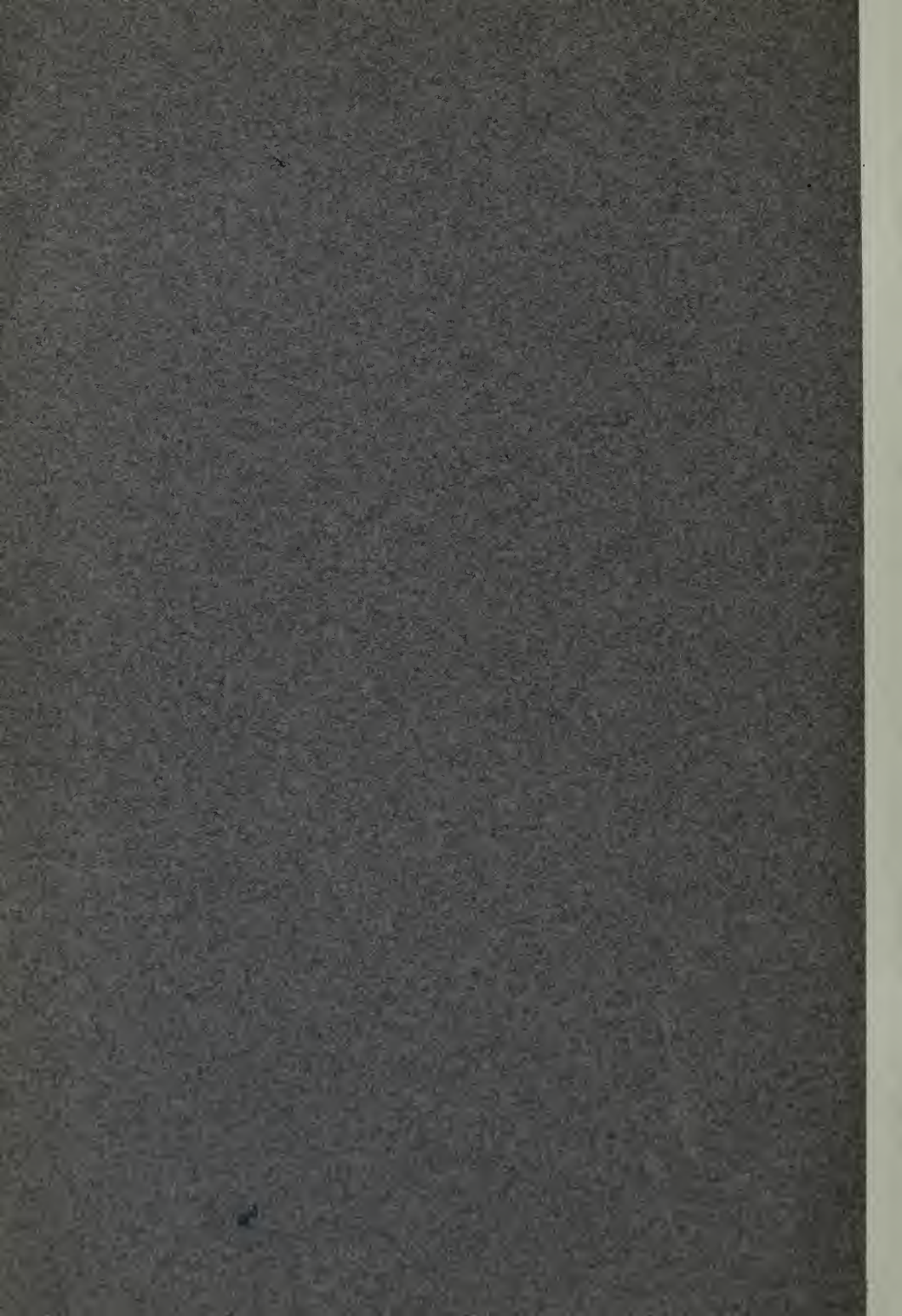
PREPARATORY DEPARTMENT.

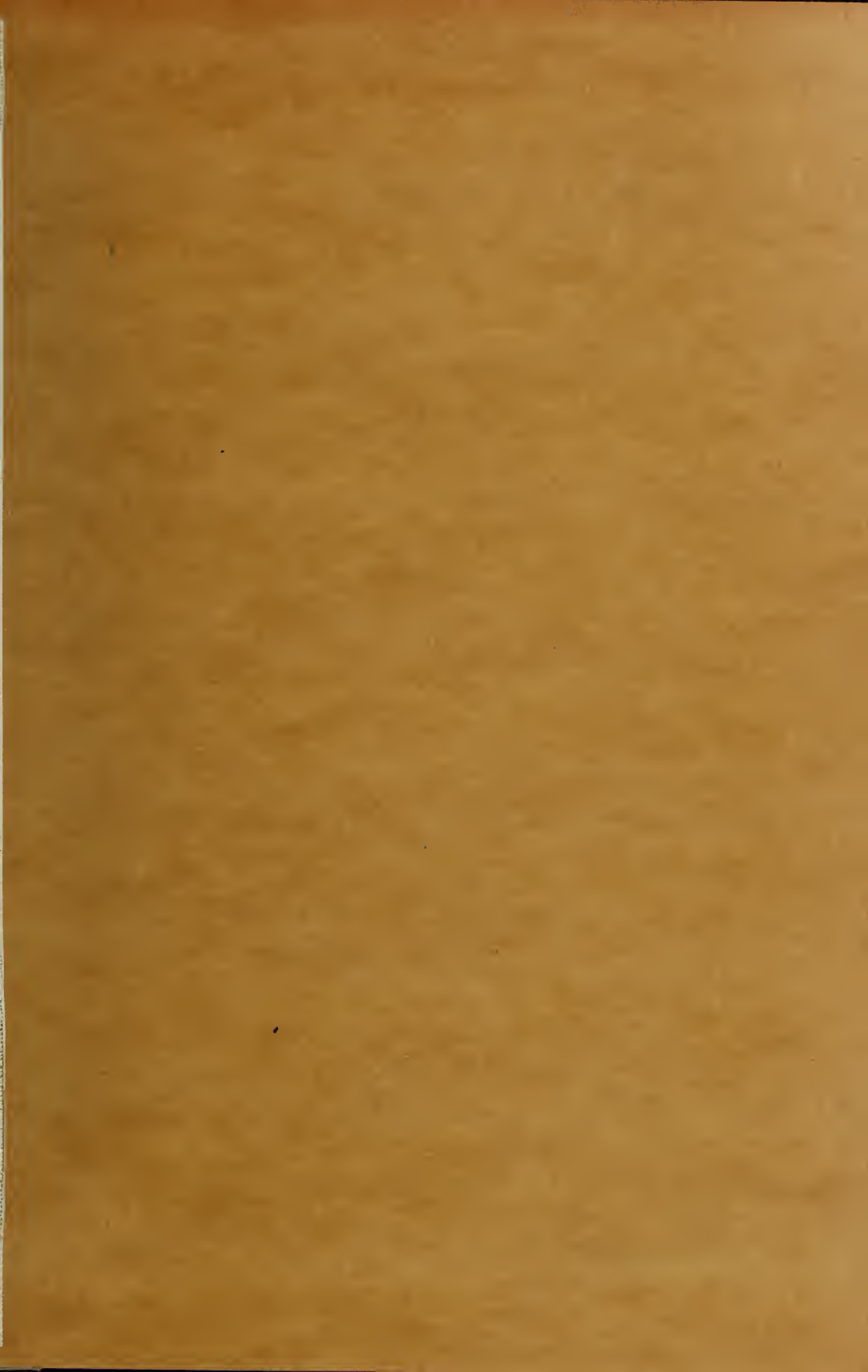
Third year.....	16	
Second year.....	34	
First year.....	26	76

Department of Music.....	17	
Department of Elocution.....	28	
Total.....	321	
Counted Twice.....	44	
Total.....	277	

COLLEGE OF MEDICINE.

Fourth Year.....	13	
Third year.....	29	
Second year.....	23	
First year.....	58	
Total College of Medicine.....	123	
Total enrollment.....	400	





UNIVERSITY OF ILLINOIS-URBANA



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